

BRIGHAM YOUNG
UNIVERSITY



Annual Catalog Issue
1939-40

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BRIGHAM YOUNG UNIVERSITY
QUARTERLY

Catalogue Number

FOR THE SCHOOL YEAR

1939-1940

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PROVO, UTAH

1939

| JANUARY | | | | | | | APRIL | | | | | | | JULY | | | | | | | OCTOBER | | | | | | |
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| FEBRUARY | | | | | | | MAY | | | | | | | AUGUST | | | | | | | NOVEMBER | | | | | | |
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1940

| JANUARY | | | | | | | APRIL | | | | | | | JULY | | | | | | | OCTOBER | | | | | | |
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| FEBRUARY | | | | | | | MAY | | | | | | | AUGUST | | | | | | | NOVEMBER | | | | | | |
| S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S | S | M | T | W | T | F | S |
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| MARCH | | | | | | | JUNE | | | | | | | SEPTEMBER | | | | | | | DECEMBER | | | | | | |
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Church School Officials

GENERAL CHURCH BOARD OF EDUCATION

| | |
|-----------------------|-------------------|
| HEBER J. GRANT | RICHARD R. LYMAN |
| J. REUBEN CLARK, JR. | JOHN A. WIDTSOE |
| DAVID O. McKAY | ADAM S. BENNION |
| RUDGER CLAWSON | JOSEPH F. MERRILL |
| JOSEPH FIELDING SMITH | CHARLES A. CALLIS |
| STEPHEN L. RICHARDS | FRANKLIN L. WEST |
| | ALBERT E. BOWEN |

ARTHUR WINTER, Secretary-Treasurer

CHURCH COMMISSIONER OF EDUCATION

FRANKLIN L. WEST

Authorities of Brigham Young University

BOARD OF TRUSTEES

HEBER J. GRANT, President

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DAVID O. McKAY, 2nd. Vice-President

| | |
|-----------------------|-------------------|
| RUDGER CLAWSON | ADAM S. BENNION |
| JOSEPH FIELDING SMITH | JOSEPH F. MERRILL |
| STEPHEN L. RICHARDS | CHARLES A. CALLIS |
| RICHARD R. LYMAN | FRANKLIN L. WEST |
| JOHN A. WIDTSOE | ARTHUR WINTER |
| | ALBERT E. BOWEN |

KIEFER B. SAULS, Secretary-Treasurer

EXECUTIVE COMMITTEE

| | |
|-----------------------|-------------------|
| JOSEPH FIELDING SMITH | JOSEPH F. MERRILL |
| STEPHEN L. RICHARDS | CHARLES A. CALLIS |
| JOHN A. WIDTSOE | ALBERT E. BOWEN |

FRANKLIN S. HARRIS

University Calendar

1939

AUTUMN QUARTER

September 11—Training School begins.

September 18—First Faculty Meeting.

September 22 and 23—Registration days. Freshman instructions and examinations.

September 25—Registration continued.

September 26—Instruction begins.

October 16—Founder's Day celebration.

November 22 to November 27—(Wednesday evening until Monday morning—Thanksgiving Recess.)

December 15—Friday evening—Autumn Quarter closes.

1940

WINTER QUARTER

January 2—Winter Quarter begins.

January 22 to January 26—Leadership Week.

March 15—Winter Quarter closes.

SPRING QUARTER

March 18—Spring Quarter begins.

June 2—Baccalaureate services.

June 4—Alumni Reunions.

June 5—Sixty-fourth Commencement Exercises.

June 10—Summer Quarter begins.

Administrative Officers

| | |
|--------------------------|--|
| Franklin S. Harris | President |
| Kiefer B. Sauls | Secretary-Treasurer |
| Carma Ballif | Assistant in Treasurer's Office |
| John E. Hayes | Registrar |
| Christen Jensen | Dean of the Graduate School |
| Carl F. Eyring..... | Dean of the College of Arts and Sciences |
| Herald R. Clark | Dean of the College of Commerce |
| Amos N. Merrill | Dean of the College of Education |
| Gerrit de Jong, Jr..... | Dean of the College of Fine Arts |
| Thomas L. Martin..... | Dean of the College of Applied Science |
| Carlton Culmsee | Director Extension Division |
| A. C. Lambert | Dean of the Summer Session |
| Nettie Neff Smart | Dean of Women |
| Wesley P. Lloyd | Dean of Men |
| Golden L. Woolf | Principal Secondary Training School |
| Hermese Peterson..... | Principal Elementary Training School |
| Lloyd L. Cullimore | Medical Director |
| Anna Ollorton | Librarian |

The Faculty*

FRANKLIN STEWART HARRISPresident

B. S. Brigham Young University, 1907; Ph. D., Cornell University, 1911; Student University of Paris, 1927; Instructor, Juarez Academy, 1904-05; Assistant Chemist, Utah Experiment Station, 1907-08; Instructor in Soils, Cornell University, 1907-08; Professor of Agronomy, Utah Agricultural College and Agronomist, Utah Experiment Station, 1911-21; Director School of Agricultural Engineering and Mechanic Arts, 1912-16; Director Utah Experiment Station, 1916-21; President Brigham Young University, 1921—

JOHN C. SWENSONProfessor of Economics and Sociology

A. B., Stanford University, 1898; M. A., Columbia University, 1921; Graduate work, Columbia University, Summer of 1924; Assistant Professor of English, Brigham Young University, 1898-99; Professor of History and Economics, 1899-1900; Dean of College of Education, 1921-24; Professor of Economics and Sociology, 1906—

CHARLES E. MAW.....Professor of Chemistry

A. B., Stanford University, 1903; S. M., University of Chicago, 1916; Ph. D., Stanford University, 1924; Graduate work, Columbia University, 1916; University of California, 1923; Professor of Chemistry Brigham Young University, 1903—

CHRISTEN JENSEN.....Professor of History and Political Science, Dean of Graduate School

A. B., University of Utah, 1907; A. M., Harvard University, 1908; Ph. D., University of Chicago, 1921; Graduate work; University of California; Study in Europe, 1928; Assistant Professor of History and Political Science, Brigham Young University, 1908-11; Professor, 1911—Acting Dean College of Applied Science, 1924-29; Dean Graduate School, 1929—

*The University Council consists of the President and all members of the faculty with the rank of professor, associate professor, or assistant professor.

AMOS N. MERRILL.....**Professor of Secondary Education**
Dean of College of Education

B. S., Utah Agricultural College, 1896; M. S., University of Illinois, 1908; Ph. D., Stanford University, 1926; Professor of Agriculture, Brigham Young College, 1905-09; Professor of Agriculture, Brigham Young University, 1910-22; Dean of Church Teachers' College, 1917-23; Professor of Secondary Education and Supervisor of Secondary Training, 1924; Acting Dean College of Education, 1930-39; Dean of College of Education 1939—.

CARL F. EYRING.....**Professor of Physics and Mathematics**
Dean of the College of Arts and Sciences

A. B. Brigham Young University, 1912; M. A., University of Wisconsin, 1915; Ph. D., California Institute of Technology, 1924; Assistant in Physics, University of Wisconsin, 1914-15; Assistant in Physics, California Institute of Technology, 1922-23; Acoustical Engineer, Bell Telephone Laboratories, 1929-31; Assistant in Physics, Brigham Young University, 1910-12; Instructor, 1912-14; Assistant Professor, 1915-17; Professor of Physics and Mathematics, 1917—; Dean of the College of Arts and Sciences, 1924—.

VILATE ELLIOTT.....**Professor Emeritus of Home Economics**

B. Pd., Brigham Young University, 1895; Graduate work Pratt Institute; Student State Normal School Santa Barbara, California; University of Chicago; Study in Europe, 1924-25; Floating University, 1930-31; Professor of Home Economics, Brigham Young University, 1908—.

BENJAMIN F. CUMMINGS.....**Professor of Modern and**
Classical Languages

A. B., University of Utah, 1913; Graduate work, University of Utah; University of Chicago; Stanford university; University of Paris; Instructor Modern Languages, Latter-day Saints University, 1910-12; 1914-20; Instructor Modern Languages, University of Utah, 1913-14; Professor of Modern and Classical Languages, Brigham Young University, 1920—.

FLORENCE JEPPEPERSON MADSEN.....**Professor of Music**

B. M., Chicago Musical College, 1926; M. M., 1927; Doctor of Music, Boguslawski College of Music, 1932; A. B. Brigham Young University, 1934; Graduate Work in Music, New England Conservatory of Music; Director, Vocal Department, Lasalle Seminary, Bos-

ton, 1911-16; Instructor in Vocal Art, L. D. S. School of Music and Weber College, 1916-18; Instructor in Music, Chicago Musical College, Summers of 1927-28; Brigham Young University, 1910-11; 1916-18; Professor of Music, 1920—.

THOMAS L. MARTIN.....Professor of Agronomy and Bacteriology, Dean of the College of Applied Science

A. B., Brigham Young University, 1912; Ph. D., Cornell University, 1919; Study in Europe, 1930; Principal, Big Horn Academy, 1912-15; Emery Stake Academy, 1916-17; Millard Academy, 1919-21; Instructor in Soils, Cornell University, 1917-19; Professor of Agronomy, Brigham Young University, 1921-35; Professor of Agronomy and Bacteriology, 1935—. Dean of the College of Applied Science, 1937—.

WILLIAM J. SNOW.....Professor of History

A. B., Brigham Young University, 1919; Ph. D., University of California, 1923; Principal, Uintah Stake Academy, 1906-08; Instructor in History, Brigham Young University, 1910-15; Assistant Professor of History, 1915-17; Professor of History, 1917—.

T. EARL PARDOE.....Professor of Speech

Graduate of Leland Powers School, 1913; A. B., Brigham Young University, 1925; M. A., University of Southern California, 1932; Graduate Work, Columbia University; Speech Correction, University of Southern California; Ph. D., University of Louisiana, 1936; Head of Department of Dramatic Art and Public Speaking, Weber Normal College, 1915-18; Associate Professor of Public Speaking and Dramatic Art, Brigham Young University, 1920-22; Professor of Speech, 1922—.

M. WILFORD POULSON*.....Professor of Psychology

A. B., Brigham Young University, 1914; M. A., University of Utah, 1919; Graduate work, University of Chicago, two years from 1916 to 1925; Assistant Professor of Education, Brigham Young University, 1916-19; Associate Professor of Education, 1919-22; Associate Professor of Psychology, 1922-23; Professor, 1923—.

VASCO M. TANNER.....Professor of Zoology and Entomology

A. B., Brigham Young University, 1915; M. A., University of Utah, 1920; Ph. D., Stanford University, 1925;

*On leave of absence.

Head of Department of Biology, Dixie College, 1916-18, 1920-24; Professor of Zoology and Entomology, Brigham Young University, 1925—.

**HERALD R. CLARK.....Professor of Finance and Banking
Dean of the College of Commerce**

A. B., Brigham Young University, 1918; M. B. A., University of Washington, 1924; Graduate Work, Ohio State University; Instructor in Accounting, Brigham Young University, 1913-17; Assistant Professor of Finance and Banking, 1917-27; Associate Professor of Finance and Banking, 1927-28; Professor, 1928—; Dean of College of Commerce, 1934—.

PARLEY A. CHRISTENSEN.....Professor of English

B. S., Utah Agricultural College, 1914; A. M., Stanford University, 1925; Ph. D., Stanford University, 1927; Assistant Professor of English, Brigham Young College, 1917-25; Professor of English, Brigham Young College, 1925-26; Associate Professor of English, Brigham Young University, 1927-28; Professor, 1928—.

**GERRIT de JONG, JR.....Professor of Modern Languages
Dean of College of Fine Arts**

A. B., University of Utah, 1920; M. A., 1925; Ph. D., Stanford University, 1934; Graduate Work, National University of Mexico; University of Munich; Stanford University; Instructor, Murdock Academy, 1916-18; Instructor, Latter-day Saints University, 1919-25; Associate Professor of Modern Languages, Brigham Young University, 1925-29; Professor, 1929—; Dean of College of Fine Arts, Brigham Young University, 1925—.

GEORGE H. HANSEN.....Professor of Geology and Geography

B. S., Utah Agricultural College, 1918; M. S., George Washington University, 1925; Ph. D., George Washington University, 1927; Field Work with U. S. Geological Survey, Summers of 1918, 1925, 1926 in Utah, Colorado and New Mexico; Assistant Professor of Geology and Geography, Brigham Young University, 1927-29; Professor of Geology and Geography, 1929—.

**HARRISON VAL HOYT.....Professor of Accounting and
Business Administration**

Bachelor of Science (Engineering) Purdue University, 1913; M. B. A., Harvard Graduate School of Business Administration, 1917; Ph. D., Stanford University,

(Graduate School of Business Administration) 1931; Professor of Accounting and Business Administration and Dean of the College of Commerce, Brigham Young University, 1921-31; Dean of Oregon State College School of Commerce, 1931-32; Dean and Director of the University of Oregon School of Business Administration and Commerce Work at the Oregon State College, 1932-36; Professor of Accounting and Business Administration, Brigham Young University, 1937—.

ELMER MILLER Professor of Economics

A. B. Stanford University, 1914; Graduate Work, Stanford University; University of Chicago; University of California; Instructor Dixie Normal College, 1911-12; Superintendent Alpine School District, 1922-25; Associate Professor of Economics, Brigham Young University, 1923-29; Professor of Economics, 1930—.

MILTON MARSHALL Professor of Physics

A. B. Brigham Young University, 1918; Ph. D., University of Chicago, 1924; Instructor of Physics, Brigham Young University, 1919-21; Assistant Professor, 1924-27; Associate Professor, 1927-30; Professor, 1930—.

GUY C. WILSON Professor of Religious Education

B. Pd., Brigham Young University, 1900; Graduate Work, Brigham Young University, University of Utah, University of Chicago, Columbia University; Instructor, Brigham Young University, 1896-97; Principal Juarez Stake Academy, 1897-1912; Teacher of Granite Seminary, 1913-15; President Latter-day Saints University, 1915-26; Supervisor of Religious Education, L. D. S. Department of Education, 1926-30; Professor of Religious Education, Brigham Young University, 1930—.

BENT F. LARSEN Professor of Art

A. B., Brigham Young University, 1912; M. A., University of Utah, 1922; Graduate Work, University of Chicago, Art Institute of Chicago, Academic Julian, Paris, Academie Colarossi, Paris, Academie de La Grande Chaumiere, Paris; Student in Europe for sixteen months, 1929-30, with George Elmer Brown Art Group and in the Academie Andre' L'Hote; Supervisor of Art B. Y. U. Training School, 1908-12; Associate Professor of Art, 1912-31; Professor of Art, 1931—.

- LEROY J. ROBERTSON.....Professor of Music**
 Graduate of New England Conservatory of Music, 1923; A. B., Brigham Young University, 1932; M. A., Brigham Young University, 1932; Study in Europe, 1932-33; Instructor of Music, Brigham Young University, 1924-26; Assistant Professor of Music, 1926-27; Associate Professor of Music, 1927-31; Professor of Music, 1931—.
- FRANKLIN MADSEN.....Professor of Music**
 A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; from the Chicago Musical College, Graduate Diploma, 1925; Teachers' Certificate in Vocal Art and Singing, 1927; B. M., 1926; M. M., 1927; B. M. E., 1928; Mus. Doc., 1929; M. M. E. (Master of Music Education), 1932; Honorary Doctor of Music Education from Boguslawski College of Music, 1933; Instructor Chicago Musical College, Summers of 1927-36, and the winter of 1927-28; Instructor in Music, Brigham Young University, 1920-24; Assistant Professor of Music, 1924-30; Associate Professor of Music, 1930-31; Professor of Music, 1931—.
- ASAEL C. LAMBERT..Professor of Educational Administration**
Dean of Summer Session
 B. S., Brigham Young University, 1925; M. S., 1926; Ph. D., Stanford University, 1935; Superintendent of Public Instruction, Fremont County, Idaho, 1923-24; Instructor, Brigham Young University, 1924-27; Principal, University High School, 1926-28; Assistant Professor of Secondary Teaching, 1927-32; Associate professor, 1932-34; Professor of Educational Administration, 1934—. Dean Brigham Young University Summer Session, 1937—.
- LAVAL S. MORRIS.....Professor of Landscape Architecture**
 B. S., Utah Agricultural College, 1923; M. S. Michigan State College, 1926; Graduate Work, University of Southern California, Cornell University, Harvard University, 1930-33; Instructor in Horticulture, Brigham Young University, 1923-26; Assistant Professor, 1926-31; Associate Professor, 1931-34; Professor of Landscape Architecture, 1934—.
- EFFIE WARNICK.....Professor of Home Economics**
 B. S., Utah Agricultural College, 1914; M. S., Iowa State College, 1937; Graduate work, Columbia University, University of California, University of Chicago, Iowa State College; Instructor, Branch Agricultural

College, 1914-15; Instructor in Foods and Nutrition, Brigham Young University, 1922-23; in Household Administration, 1923-1927; Assistant Professor, 1927-30; Associate Professor, 1930-35; Professor, 1935—.

J. MARINUS JENSEN.....Professor of English

A. B., Brigham Young University, 1912; M. A., University of Chicago, 1919; Graduate Work, University of California, Stanford University, Columbia University; Instructor in English, Brigham Young University, 1910-19; Assistant Professor of English, 1919-21; Associate Professor, 1921-36; Professor of English 1936—.

GEORGE STEWART.....Special Professor of Agronomy

B. S., Utah State Agricultural College, 1913; M. S., Cornell University, 1918; Ph. D., University of Minnesota, 1926; Professor of Agronomy, U. S. A. C., 1919-30; Senior Ecologist, Branch Research U. S. Forest Service, 1930—; Special Professor of Agronomy, Brigham Young University, 1932—.

LLOYD L. CULLIMORE.....Medical Director

B. S., University of Utah, 1922; M. D., George Washington Medical College, 1925; Instructor in Physiology, George Washington Medical College, 1925-26; Instructor in Health Education, Brigham Young University, 1927; Assistant Medical Director, 1928-29; Medical Director, 1929—.

HERMESE PETERSON.....Professor of Elementary Education

B. S., Brigham Young University, 1928; Graduate work, Brigham Young College, Utah Agricultural College, Columbia University, University of Utah, University of California, University of Chicago; Primary Supervisor of Alpine School District, 1908-12; Study in Europe, 1928; Critic Teacher, Brigham Young University Training School, 1912-20, Primary Supervisor, 1920-23; Assistant Professor of Elementary Teaching, 1923-35; Associate Professor, 1935-36; Professor of Education, 1936—.

WILLIAM H. BOYLE.....Professor of Education

A. B., Brigham Young University, 1913; M. A., 1923; Graduate work, University of California, University of Southern California; Principal, Brigham Young University High School, 1910-26; Assistant Professor of Elementary Education, 1923-35; Associate Professor, 1935-36; Professor of Education, 1936—.

ROBERT SAUERProfessor of Music

Graduate of Music School of Dresden, Germany; Student Siegel Meyer Music Conservatory of Chicago, 1905; Instructor of Music, Brigham Young University, 1905-20; Assistant Professor of Music, 1920-24; Associate Professor of Music, 1924-1938; Professor of Music, 1938—.

**CHARLES J. HART.....Professor of Physical Education
and Athletics**

B. S., Utah Agricultural College, 1922; M. A., New York University, 1932; Graduate work, Utah Agricultural College, University of Wisconsin; Instructor Teton High School, 1923-25; Instructor in Physical Education and Athletics, Brigham Young University, 1925-27; Assistant Professor, 1927-37; Associate Professor of Physical Education, 1937; Professor of Physical Education, 1938—.

**WAYNE B. HALES.....Professor of Physics
and Mathematics**

A. B., Brigham Young University, 1916; M. A., University of Utah 1922; Ph. D., California Institute of Technology, 1926; Instructor in Physics, Ricks College, 1916-21; President Snow College, 1921-24; Professor of Physics, Weber College, 1926-30; Associate Professor of Physics, Brigham Young University, 1930-1938; Professor of Physics and Mathematics, 1938—.

H. GRANT IVINS.....Professor of Animal Husbandry

B. S., Utah State Agricultural College, 1917; Instructor in Animal Husbandry, Brigham Young University, 1929-31; Assistant Professor, 1931-37; Associate Professor of Animal Husbandry, 1937-1938; Professor of Animal Husbandry, 1938—.

SETH T. SHAW.....Professor of Horticulture.

B. S., Utah State Agricultural College, 1931; M. A., Utah State Agricultural College, 1932; Graduate work, University of Missouri, 1936-37; Instructor in Horticulture, Brigham Young University, 1931-34; Assistant Professor, 1934-37; Associate Professor of Horticulture, 1937-1938; Professor of Horticulture, 1938—.

BERTRAND F. HARRISON.....Professor of Botany

B. S., Brigham Young University, 1930; M. S. Brigham Young University, 1931; Ph. D., University of Chicago, 1937; Graduate Assistant in Botany, Univer-

sity of Chicago, 1936-37; Assistant in Botany, Brigham Young University, 1930-31; Instructor in Botany, 1931-35; Assistant Professor, 1935-37; Associate Professor of Botany, 1937-1938; Professor of Botany, 1938—.

**CLARENCE S. BOYLE.....Professor of Accounting
and Business Administration**

B. S., Brigham Young University, 1924; M. S. in Retailing, New York University, 1926; Graduate work, New York University, 1926-27, 1937-38; Associate Professor of Accounting and Business Administration, Brigham Young University, 1927-39; Professor of Accounting and Business Administration, 1939—.

**SIDNEY B. SPERRY.....Professor of Religious
Education**

A. B., University of Utah, 1917; M. A., University of Chicago, 1926; Ph. D., University of Chicago, 1931; Graduate work, American School of Oriental Research, Jerusalem, Palestine; Principal American Fork Seminary, 1922-24; Weber Seminary, 1924-25; Moroni Seminary, 1925-26; Pocatello Seminary and Institute, 1927-28; Director L. D. S. Institute, Moscow, Idaho, 1929-31; Associate Professor, Brigham Young University, 1932-39. Professor of Religious Education, 1939—.

**WESLEY P. LLOYD.....Professor of Philosophy
of Education and Dean of Men**

B. S., Brigham Young University, 1927; M. S., 1933; Ph. D., University of Chicago, 1937; Instructor in Social Sciences, Edmunds High School, 1927-29; Principal, 1929-30; Principal L. D. S. Seminary at Grace, Idaho, 1930-31; Principal L. D. S. Seminary at Oakley, Idaho, 1931-34; Research Fellow, University of Chicago, 1936-37; Instructor in Education, Brigham Young University, Summer, 1935; Assistant Professor of Philosophy of Education, 1937-38; Associate Professor of Philosophy of Education and Dean of Men, 1938-39. Professor of Philosophy of Education, 1939—.

**JAMES WYLEY SESSIONS.....Professor of Religious Education
and Director of Religious Activities**

B. S., Utah State Agricultural College, 1911; M. A., University of Idaho, 1928; Professor of Agriculture, University of Idaho, Southern Branch, 1912-17; Extension Division, University of Idaho, 1917-19; President, South African Mission, 1920-26; Director, L. D. S. Institute, University of Idaho, 1927-30, University of Idaho, Southern Branch, 1930-35, University of Wyom-

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ing, 1935-36; Director, Missionary Training School, Salt Lake City, 1936-38. Professor of Religion, L. D. S. Institute, Logan, Utah, 1938-39; Professor of Religious Education and Director of Religious Activity, Brigham Young University, 1939—.

WILLIAM M. SNELL **Professor of Mechanic Arts**

A. B., Brigham Young University, 1918; M. S., Brigham Young University, 1939; Special Work at Bradley Polytechnic Institute, and The School of Architecture, University of Southern California; Instructor in English, Brigham Young University, 1915-17; Instructor in Woodwork, 1916-21; Assistant Professor of Mechanic Arts, 1921-36; Associate Professor of Mechanic Arts, 1936—1939. Professor of Mechanic Arts, 1939—.

WESTON OAKS **Associate Medical Director**

M. D., Jefferson Medical College, 1919; Graduate work Colorado Congress Otolaryngology, Denver, Summers of 1923, 1924, and 1925; Assistant Medical Director, Brigham Young University, 1924-1925; Medical Director, 1925-29; Associate Medical Director, 1929—.

JOSEPH SUDWEEKS **Associate Professor of Educational Administration**

B. S., University of Idaho, 1912; M. A., University of Chicago, 1920; Ph. D., University of Wisconsin, 1925. Instructor and Supervisor of Training, U. S. Veterans Bureau, University of Idaho, 1920-23; Assistant in Department of Education, University of Idaho, 1920-21; Assistant Professor of Educational Administration, Brigham Young University, 1925-27; Associate Professor, 1927—.

ED. M. ROWE **Associate Professor of English**

A. B., Brigham Young University, 1923; Graduate work, Utah Agricultural College, Brigham Young University, University of Chicago, University of Wales, 1931-33; Principal, Spanish Fork High School, 1910-12; Instructor in English, Brigham Young University, 1924-27; Assistant Professor, 1927-35; Associate Professor, 1935—.

ALONZO J. MORLEY **Associate Professor of Speech**

A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; Ph. D., University of Iowa, 1935; Teacher of Public Speaking and Dramatic Art, Uintah County High School, 1925-26; Head of Speech Department, Weber County High School, 1926—.

27; Instructor in Speech, Brigham Young University, 1928-30; Assistant Professor, 1930-35; Associate Professor, 1935—.

JOSEPH K. NICHOLS.....Associate Professor of Chemistry

A. B., Brigham Young University, 1916; M. A., Stanford University, 1924; Graduate work, University of Chicago summer of 1933, and at Stanford University summer of 1934 and 1936; President, Dixie College, 1919-23, and 1926-33; Assistant Professor of Chemistry, Brigham Young University, 1933-36; Associate Professor of Chemistry, 1936—.

KARL E. YOUNG.....Associate Professor of English

B. S., Utah State Agricultural College, 1924; B. A. and M. A., Oxford University, 1934; Graduate work at Harvard University; Instructor in English, Brigham Young University, 1930-31; Assistant Professor of English, 1932-37; Associate Professor of English, 1937—.

**REUBEN D. LAW.....Associate Professor of
Elementary Education**

B. S., Utah State Agricultural College, 1928; M. S., Utah State Agricultural College, 1933; Graduate work, University of Southern California; Superintendent of Schools, Rich County School District, 1929-35; Instructor in Education, Utah State Agricultural College, Summer Session, 1933; Superintendent of Schools, Duchesne County School District, 1935-36; Assistant Professor of Elementary Education, Brigham Young University 1936-1938; Associate Professor, 1938—.

**EDWIN R. KIMBALL.....Associate Professor of Physical
Education and Director of Athletics**

B. S., Brigham Young University, 1926; M. S., University of Southern California, 1935; Instructor in Physical Education and Athletics, Millard County High School, 1926-27; Instructor in Mathematics and Athletic Director in Grand County High School, 1927-30; Instructor in Physical Education and Athletics, Jordan High School, 1931-35; Instructor in Physical Education and Athletics, Brigham Young University, 1935-37; Assistant Professor and Coach, 1937-38; Associate Professor and Director of Athletics, 1938—.

MADISON W. MERRILL.....Associate in Medical Department

D. M. D., North Pacific Dental College, 1923; Special work in extractions and Oral Surgery at Mayo Clinic

Dental Department, summers of 1931 and 1936, and special work in Orthodontia, Denver, 1937; appointed Associate in Medical Department Brigham Young University, 1938—.

LELAND K. CULLIMORE.....Associate in Medical Department

A. B., George Washington University, 1931; M. D., George Washington University, 1934; Resident Physician, Pediatrics and Contagious Diseases, Gallinger Municipal Hospital, 1934-36. Associate in Medical Department, Brigham Young University, 1938—.

WILMUR L. ALLEN.....Associate in Medical Department

M. D., University of Pennsylvania Medical School, 1931; Appointed Associate in Medical Department, Brigham Young University, 1938—.

PHILEMON M. KELLY.....Associate in Medical Department

M. D., The Northwestern University Medical School, 1909; Graduate work in Pediatrics and Internal Medicine, University of California at San Francisco 1920-21; Mayo Clinic, Rochester, 1918, 1929; study in Vienna, 1938; Associate in Medical Department Brigham Young University, 1939—.

RUSSEL SWENSEN.....Associate Professor of Religious Education

A. B., Brigham Young University, 1926; M. A., University of Chicago, 1931; Ph. D., University of Chicago, 1934; Principal L. D. S. Seminary, Mesa, Arizona, 1926-27; Principal L. D. S. Seminary at Kamas, Utah, 1927-28; Principal L. D. S. Seminary at Hurricane, 1928-30; Assistant Professor of Religious Education, Brigham Young University, 1933-39; Associate Professor of Religious Education, 1939—.

GOLDEN L. WOOLF.....Associate Professor of Secondary Education; Principal, University High School

A. B., Brigham Young University, 1934; M. A., Brigham Young University, 1936; Graduate work University of California, 1938-39; Instructor in Languages, Brigham Young University, 1934-35; Instructor in Secondary Education, 1935-37; Assistant Professor of Secondary Education, 1937-39; Principal, University High School, 1935—; Associate Professor of Secondary Education, 1939—.

FACULTY

CARLTON CULMSEE.....Associate Professor of Journalism and Director of Extension Division

B. S., Brigham Young University, 1932; M. A., Brigham Young University, 1937; Graduate work, University of Southern California and University of Iowa, 1938-39; Secretary of Extension Division, 1932; Instructor in Journalism, Brigham Young University, 1933-37; Assistant Professor of Journalism, 1937-39; Director of Extension Division, 1938—; Associate Professor of Journalism, 1939—.

IDA SMOOT DUSENBERRY.....Assistant Professor of Psychology

B. Pd., Brigham Young University, 1905; B. S., Brigham Young University, 1937; Graduate Chaurecey Hall College, Boston, 1908; Graduate Emerson College of Oratory, Boston, 1909; Graduate work, Pestalozzi Froebel House, Berlin, Germany; Columbia University, University of Washington, University of California; Study in Europe, 1919-20; Director of Kindergarten Training Brigham Young University, 1920-21; Assistant Professor, Floating University, 1930-31; Assistant Professor of Psychology, Brigham Young University, 1921—.

EDGAR M. JENSON.....Assistant Professor of Educational Administration, Director of Teacher Placement

A. B., Brigham Young University, 1916; M. A., Brigham Young University, 1919; Graduate work, Stanford University; Head of Department of Education, Dixie College, 1919-23; President, Dixie College, 1923-26; Instructor, Brigham Young University, 1927-28; Assistant Professor in Educational Administration and Principal University High School, 1928-35; Director of Training Schools, 1930; Assistant Professor of Education, 1928—.

WILLIAM F. HANSON.....Assistant Professor of Music

Music Diploma, Brigham Young University, 1907; Teacher's Certificate, Chicago Musical College, 1924; Private work with Xaver Schaswenka, Maurice Aronson, Felix Borowski, Dr. Carl Busch, and H. B. Maxyott, 1924; Supervisor High School Music, Vernal, 13 years; Supervisor Public School Music, Brigham Young University, 1924-25; Instructor in Music, 1926-31; Assistant Professor, 1931—.

LOREN C. BRYNER.....Assistant Professor of Chemistry

B. S., Brigham Young University, 1928; M. S., Brigham Young University, 1930; Ph. D., Iowa State

College, 1934; Assistant in Chemistry at Brigham Young University, 1928-30; Graduate Assistant in Chemistry at Iowa State College, 1930-35; Research Fellow at Iowa State College, Summers of 1931 and 1932; Assistant Professor of Chemistry, Brigham Young University, 1935—.

ELSIE C. CARROLL.....Assistant Professor of English

B. S., Brigham Young University, 1926; M. A., Brigham Young University, 1928; Student, Cornell University, University of Chicago, Stanford University; Columbia University, 1934; Head of English Department, Kanab High School, 1917-18; Provo High School, 1919-20; Instructor in English, Brigham Young University, 1926-36; Assistant Professor of English, 1936—.

HUGH W. PETERSON.....Assistant Professor of Chemistry

A. B., 1916, M. A., 1928, Brigham Young University; Ph. D., University of Iowa, 1936; Teacher in High Schools of Wyoming and Utah, 1917-27; Instructor in Chemistry, Brigham Young University, 1927-36; Assistant Professor of Chemistry, 1936—.

BILLIE HOLLINGSHEAD.....Assistant Professor of Education

A. B., Texas State College for Women, 1922; M. A., Brigham Young University, 1929, Ph. D., University of Southern California, 1935; Instructor Valdez High School, Valdez, Alaska, 1922-23; Instructor in Star Valley High School, 1924-26; Instructor in Kohala High School, Kahala, Hawaii, 1927-28; Instructor in Brigham Young University High School, 1929-36; Assistant Professor of Education, 1936—.

IRENE S. BARLOW.....Assistant Professor of Home Economics

B. S., Utah State Agricultural College, 1919; M. S., University of Chicago, 1934; Instructor in Home Economics, Brigham Young University, 1934-36; Assistant Professor of Home Economics, 1936—.

GLADYS D. BLACK.....Assistant Professor of English

Ph. B., University of Chicago, 1924; M. A., Columbia University, 1930; Graduate work, University of Chicago, 1936-37; Bread Loaf School of English, summer of 1937; Instructor in English, Provo High School, 1924-26; Instructor in English, Central High School, Springfield, Illinois, 1927-28; Instructor in English-Brigham Young University, 1928-37; Assistant Professor of English, 1937—.

STELLA P. RICH.....Assistant Professor of English

B. S., Brigham Young University, 1926; Instructor in the Public Schools of Utah and Idaho, 1911-27; Student, University of Chicago; Instructor in English, Brigham Young University, 1927-38; Assistant Professor of English, 1938—.

W. ELMO COFFMAN.....Assistant Professor of Geography

B. S., Utah State Agricultural College, 1920; M. S., Brigham Young University, 1932; Graduate work, Ohio State University, 1935-36; Instructor in Payson High School, 1920-21; Instructor in Springville High School, 1921-28; Principal, Minersville High School, 1928-29; Instructor in Geography, Brigham Young University, 1929-38; Assistant Professor of Geography, 1938—.

ALVA J. JOHANSON.....Assistant Professor of Chemistry

A. B., Brigham Young University, 1931; M. A., Ph. D., 1934; University of Illinois, 1938; Assistant in Chemistry, Brigham Young University, 1931-34; Instructor in Chemistry, 1934-38; Assistant Professor of Chemistry, 1938—.

**LEONA HOLBROOK.....Assistant Professor of Physical
Education for Women**

B. S., University of Utah, 1929; M. A., Columbia University, 1935; Graduate work, University of Utah, Columbia University, New School for Social Research, New York; Instructor and Playground Director, Salt Lake City; Civic Center Director, Kaysville, Utah; M. I. A. Summer Camp Recreation Director; Federal Experimental Camp Recreation Director, Associate Camp Director Y.W.C.A. New York City; Instructor in Physical Education Brigham Young University, 1937-38; Assistant Professor of Physical Education for Women, 1938—.

ALLIE DIXON.....Assistant Professor of Home Economics

B. S., Brigham Young University, 1930; Graduate Hospital Dietitian Fifth Avenue Hospital, New York City, 1931; Graduate Nurse Highland School of Nursing at Alameda County Hospital, Oakland, California, 1936; Registered Nurse, 1936; Instructor of Home Economics, Gunnison High School, 1932-34; Instructor Nursing Techniques, Highland School of Nursing, Oakland, California, 1936-37; Instructor in Home Economics, Brigham Young University, 1937-38; Assistant Professor of Home Economics, 1938—.

D. ELDON BECK.....**Assistant Professor of Zoology
and Entomology**

A. B., Brigham Young University, 1929; M. A., Brigham Young University, 1930; Ph. D., Iowa State College, 1933; Head of Biology Department, Dixie College, 1933-38; Assistant Professor of Zoology and Entomology, Brigham Young University, 1938—.

BERTHA ROBERTS.....**Assistant Professor of French**

A. B., Brigham Young University, 1926; Graduate work, University of Chicago, 1929; Diploma University of Paris, 1933-34; Instructor, Wasatch High School, 1918-19; Instructor in Office Practice, Brigham Young University, 1919-33; Instructor in French, 1934-39; Assistant Professor of French, 1939—.

EDNA SNOW.....**Assistant Professor of Botany**

B. S., Brigham Young University, 1924; M. S., Brigham Young University, 1931; Graduate work, University of California and Columbia University; Instructor in Science, Brigham Young University, 1929-1936; Instructor in Botany, 1937-39; Assistant Professor of Botany, 1939—.

C. LYNN HAYWARD.....**Assistant Professor of Zoology**

B. S., Brigham Young University, 1927; M. S., Brigham Young University, 1931; Graduate work, University of California, 1935; University of Illinois, 1938-39; Instructor in Fielding High School, 1927-30; Assistant in Zoology, Brigham Young University, 1930-31; Instructor, 1931-39; Assistant Professor of Zoology, 1939—.

GEORGIA MAESER.....**Assistant Professor of Elementary
Education**

B. S., Brigham Young University, 1928; M. A., Columbia University, 1938; Supervisory Teacher in Brigham Young University Training School, 1926-39; Assistant Professor of Elementary Education, 1939—.

GLADYS KOTTER.....**Assistant Professor of Elementary
Education**

B. S., Brigham Young University, 1930; M. S., Columbia University, 1935; Supervisory Teacher, Brigham Young University Training School, 1927-39; Assistant Professor of Elementary Education, 1939—.

HAROLD T. CHRISTENSEN*Assistant Professor of Sociology

B. S., Brigham Young University, 1935; M. S. Brigham Young University, 1937; Graduate work, University of California, at Los Angeles, 1937; Assistant in Sociology, Brigham Young University, 1935-36; Instructor, Brigham Young University, 1936-39; Assistant Professor of Sociology, 1939—.

JOHN R. HALLIDAY*Assistant Professor of Music

A. B., Brigham Young University, 1935; M. A., Brigham Young University, 1936; Student State Academy of Music in Berlin, 1933-1934; Graduate work, University of California, 1937; Assistant in Music, Brigham Young University, 1934-1936; Instructor in Music Brigham Young University, 1936-39; Assistant Professor of Music, 1939—.

AARON W. TRACYAssistant Professor of English

A. B., Brigham Young University, 1919; Two and one-half years Graduate work, University of Chicago; Principal of Public Schools in Weber County, 1907-1910, 1911-1912, 1914-1917; Principal of Public Schools in Box Elder District, 1912-1913; Head of the English department, Weber College, 1919-1922; President Weber College, 1922-1935; Instructor in English, Brigham Young University, 1936-39; Assistant Professor of English 1939—.

A. SMITH PONDAssistant Professor of Economics

A. B., University of Utah, 1926; Graduate Student, Northwestern University, 1934-1936; Research Associate, Illinois State Tax Commission, 1936-1937; Instructor in Economics, Brigham Young University, 1937-39; Assistant Professor of Economics, 1939—.

ARIEL S. BALLIFAssistant Professor of Sociology

B. S., Brigham Young University, 1925; M. A., University of Southern California, 1937; Graduate work, University of Southern California, 1936-1938; Teaching Fellow in Sociology, University of Southern California, 1937-1938; Instructor in Social Science, Madison High School, 1925-1926; Principal Maori Agricultural College, Hastings, New Zealand, 1927-1930; Principal Midway Seminary, 1931-1936; Instructor in Sociology, Brigham Young University, 1938-39; Assistant Professor of Sociology, 1939—.

*On leave of absence.

- JOHN E. HAYES**.....**Registrar**
 B. S., Brigham Young University, 1924; Instructor,
 Brigham Young University, 1903—; Registrar, 1904—.
- ANNA OLLORTON****Librarian**
 A. B., Brigham Young University, 1913; Graduate
 work, University of Chicago, University of Utah,
 Chautauqua Summer School, Columbia University;
 Assistant Librarian, Brigham Young University, 1919-
 23; Acting Librarian, 1923-31; Librarian, 1931—.
- KIEFER B. SAULS****Secretary - Treasurer Board of Trustees**
 B. S., Utah State Agricultural College, 1920; Gradu-
 ate work, Utah State Agricultural College; Secretary
 to Director, Utah Agricultural Experiment Station,
 1917-21; Secretary to President and Purchasing Agent,
 Brigham Young University, 1921-1939; Secretary
 Treasurer, Board of Trustees, 1939—.
- NETTIE NEFF SMART**.....**Dean of Women**
 B. S., Brigham Young University, 1933; Student, Cor-
 nell University, 1907-09; Instructor Brigham Young
 University Training School, 1904-05; Instructor, Provo
 High School; Dean of Women, 1925—.
- PERCIVAL P. BIGELOW**.....**Instructor in Auto Mechanics**
 Student University of Michigan, Brigham Young Uni-
 versity; Head Mechanic, Utah Packard Motor Com-
 pany, 1916; Foreman, Superior Motor Co., 1917-18;
 Mechanic, Hudson Motor Car Company Detroit, 1919;
 Instructor in Auto Mechanics, Brigham Young Uni-
 versity, 1919—.
- C. LAVOIR JENSEN**.....**Instructor in Mathematics**
 Student Brigham Young College and University of
 Utah; Instructor, Logan High School, 1915-16; Prin-
 cipal, Midvale Schools, 1917-21; Instructor, Brigham
 Young University High School, 1921—.
- NEWBERN I. BUTT**.....**Library and Research, Associate**
 B. S., Utah Agricultural College, 1915; M. S., Brigham
 Young University, 1939; Assistant Agronomist, Utah
 Agricultural College, 1915-18; Library and Research
 Assistant, Brigham Young University, 1922—.
- ELLA LARSEN BROWN****Associate Librarian**
 Student Cook County Normal School; Columbia Uni-
 versity; Primary Supervisor, Utah County Schools,
 1900-1902; Director Brigham Young University Train-
 ing School, 1902-1908; Assistant Librarian, Brigham
 Young University, 1923—.

MAY C. HAMMOND **Instructor in Elementary Education**
 B. S., Brigham Young University, 1934. Student at University of California and Columbia University; Instructor in Provo City Schools, 1923-25; Supervisory Teacher in Brigham Young University Training School, 1925—.

FRED W. DIXON..... **Instructor in Physical Education and Athletics**
 B. S., Brigham Young University, 1926; Instructor in Physical Education and Athletic Director at Weber County High School, 1926-28; Graduate work, Utah Agricultural College; Instructor in Physical Education and Athletics, Brigham Young University, 1928—.

MARGARET SUMMERHAYS..... **Instructor in Music**
 A. B., Brigham Young University, 1936; Graduate of New England Conservatory of Music, 1916; Student of Frederick H. Haywood, Mme, Sophie Cehanovske, Edmund G. Meyer; Special Instructor in Music at Brigham Young University, 1927-29; Instructor in Music, 1930—.

GUSTAVE BUGGERT..... **Instructor in Music**
 Graduate of Music School of Madgeburg, Germany; Instructor in Music, Brigham Young University, 1930—.

MAY BILLINGS..... **Instructor in Home Economics**
 B. S., Brigham Young University, 1933; Student of Columbia University, Utah State Agricultural College, University of California, Colorado Agricultural College, University of Utah; Instructor in Clothing, Latter-day Saints University, 1920-31; Instructor in Home Economics, Brigham Young University, 1932—.

FLORA D. FISHER..... **Instructor in Elementary Education**
 B. S., Brigham Young University, 1936; Instructor in Utah State Industrial School, 1911; Instructor in Fillmore Public Schools, 1921-28; Instructor in Maori Agricultural College, New Zeland, 1919-21; Instructor in Provo City Schools, 1929-1933; Supervisory Teacher in Brigham Young University Training School, 1933—.

CARMA BALLIF **Assistant in Treasurer's Office**
 B. S., Brigham Young University, 1927; Graduate work, University of Wisconsin; Assistant in Secretary's Office, 1927—; Instructor in Physical Education for Women, 1934—.

WILFORD D. LEE.....**Instructor in English**

A. B., Brigham Young University, 1934; M. A., Brigham Young University, 1937; Instructor in English, Brigham Young University, 1934—.

O. MEREDITH WILSON*.....**Instructor in History**

A. B., Brigham Young University, 1934; Graduate work, University of London, 1936-37; Assistant in History, Brigham Young University, 1934-35; Instructor in History, 1935—.

JOHN H. SMITH*.....**Instructor in Economics**

B. S., University of Pennsylvania, 1929; Assistant to General Manager in charge of Production Control, Schlage Lock Company, San Francisco, California, 1929-33; Sales and Merchandising, Liver Brothers Company, Salt Lake City, 1933-35; Instructor in Economics, Brigham Young University, 1935—.

IRENE OSMOND.....**Instructor in Modern Languages**

A. B., Brigham Young University, 1929; M. A., Stanford University, 1934; Graduate work, Stanford University, 1934-36; Instructor in Modern Languages, Jordan High School, 1929-33; Instructor in Modern Languages, Brigham Young University, 1936—.

ELDON DENNIS.....**Instructor in Geology**

A. B., Brigham Young University, 1929; M. A., Brigham Young University, 1931; Graduate work, Stanford University, 1932-1935; Assistant in Geology, Brigham Young University, 1935-1936; Instructor in Geology, Brigham Young University, 1936—.

THOMAS L. BROADBENT.....**Instructor in German**

A. B., Brigham Young University, 1936; M. A., Brigham Young University, 1937; Assistant in German, Brigham Young University, 1934-1936; Instructor in German, Brigham Young University, 1936—.

ANTONE W. NISSON.....**Instructor in Science**

A. B., Brigham Young University, 1935; Graduate work, Brigham Young University, 1935-1937; Assistant in Science, Brigham Young University, 1935-1936; Instructor in Science, Brigham Young University, 1936—.

*On leave of absence.

EVAN M. CROFT.....Instructor in Office Practice

B. S., Brigham Young University, 1939; Graduate work University of Chicago, and University of Southern California; Assistant in Commercial Education, University of Southern California, Summer of 1934; Instructor in Commercial subjects Lehi High School, 1929-1936; Instructor in Office Practice, Brigham Young University, 1936—.

JOSEPHINE STRONG.....Instructor in Elementary Education

Student University of Utah and San Francisco State Teachers College; Instructor in Salt Lake City Schools, 1922-1923; Supervisor Chinatown Nursery School, San Francisco, California, 1934-1937; Supervisory Teacher Brigham Young University Training School, 1936—.

L. ELLIOTT TUTTLE.....Instructor in Elementary Education

B. S., Brigham Young University, 1938; Instructor in Provo City Schools, 1932-36; Supervisory Teacher, Brigham Young University Training School, 1936—.

JOHN H. WING.....Instructor in Chemistry

B. S., Brigham Young University, 1926; M. S., Brigham Young University, 1934; Graduate work, University of Colorado; Chemist for Columbia Steel Company, 1926-1927; Assistant Chief Chemist, Columbia Steel Company, 1927-1929; Chemist for the International Smelting and Refining Company, 1929-1931; Assistant in Chemistry, Brigham Young University, 1931-1937; Instructor in Chemistry, Brigham Young University, 1937—.

ILEEN ANN WASPE.....Instructor in Office Practice

B. S., Brigham Young University, 1938; Instructor in Office Practice, L. D. S. High School and Business College, 1927-1929; Assistant in Office Practice, Brigham Young University, 1934-1936; Instructor in Office Practice, Brigham Young University, 1937—.

VERLA L. BIRRELL.....Instructor in Art

B. S., University of Utah, 1928; Student Chicago Academy of Fine Arts, 1930; Research work Columbia University, 1931; Student at Art Students' League, New York, 1931; at Art Institute, Chicago, 1932; study and travel in Europe, 1935; Instructor in Payson High School, 1927-1929; Instructor in Irving High School, Salt Lake City, 1929-1937; Instructor in Art, Brigham Young University, 1937—.

MORRIS M. CLINGER.....Instructor in Speech

A. B., Brigham Young University, 1932; Instructor in Speech and English, Richfield High School, 1932-1936; Assistant in Speech, Brigham Young University, 1936-1937; Instructor in Speech, Brigham Young University, 1937—.

FLOYD MILLET.....Instructor in Physical Education and Assistant Athletic Coach

A. B., Brigham Young University, 1933; Graduate work, Brigham Young University, Utah Agricultural College, University of Southern California; Instructor in Physical Education and Athletics, Davis County High School, 1934-1937; Instructor in Physical Education and Assistant Athletic Coach, Brigham Young University, 1937—.

JACK R. GIBB.....Instructor in Psychology

A. B., Brigham Young University, 1936; M. A., Brigham Young University, 1937; Graduate work, University of Chicago; Instructor in Psychology, Brigham Young University, 1937—.

NAOMA RICH.....Assistant Librarian

B. S., Brigham Young University, 1931; Certificate in Library Science, Riverside Library Service School, 1932; Librarian and Instructor in Office Practice, Bear River High School, 1927-1930; Librarian, Snow College, 1933-1937; Assistant Librarian, Brigham Young University, 1937—.

MARY MCGREGOR.....Instructor in Music

A. B., Brigham Young University, 1936; Assistant in Vocal Music, Brigham Young University Training School, 1936-1937; Instructor in Vocal Music, Brigham Young University Training School, 1937—.

ARTHUR GAETH.....Instructor in History

A. B., Brigham Young University, 1939; Student of Political Science and European history in Europe, 1929-36; member of Executive Board of American Institute of Czechoslovakia, 1934-36; Instructor in History, Brigham Young University, 1937—.

HARRY SUNDWALL.....Instructor in Office Practice

B. S., Brigham Young University, 1934; Graduate work, University of California; Gregg College, Chicago, 1936; Instructor in commercial subjects, North Sanpete High School, 1934-36; Instructor in Shorthand

and Typewriting, Richfield High School, 1936-1937; Instructor in Office Practice, Brigham Young University, 1937—.

HELEN ALLEMAN.....Instructor in Home Economics

B. S., Brigham Young University, 1932; Graduate work, University of Washington and Utah State Agricultural College; Instructor in Home Economics, Alamo High School, 1932-1933; Instructor in Home Economics in Payson High School, 1933-1935; Instructor in Provo High School, 1935-1937; Instructor in Home Economics, Brigham Young University High School, 1937—.

LILLIAN C. BOOTH.....Instructor in Elementary Education

Normal Diploma, Brigham Young University, 1914; Student at University of Chicago, 1933. Teacher in American Fork Schools, and in Provo City Schools; Teacher in Brigham Young University Training School, 1917-1918, 1924-1925; Principal Elementary Grades American Fork Schools, 1936-1938; Instructor in Elementary Education, 1938—.

WELDON J. TAYLOR.....Instructor in Accounting and Business Administration

B. S., Brigham Young University, 1934; M. B., Harvard Graduate School of Business Administration, 1937; Clerk Federal Power Commission, 1935; Instructor in Economics, Brigham Young University, 1937-1938; Instructor in Accounting and Business Administration, 1938—.

KENNETH ALLRED.....Instructor in Mathematics

A. B., Brigham Young University, 1938; Assistant in Mathematics, Brigham Young University, 1937-38; Instructor in Mathematics, 1938—.

RALPH A. BRITSCH.....Instructor in English

A. B., Brigham Young University, 1933; Graduate work, Brigham Young University, 1936; Instructor in English and Speech, Gunnison Valley High School, 1933-1935; Instructor in English, Provo High School, 1936-1938; Instructor in English, Brigham Young University, 1938—.

A. JOHN CLARKE.....Instructor in Physics in High School

B. S., Brigham Young University, 1938; Principal of Barnwell Consolidated School, Canada, 1930-1937; Assistant in Chemistry, Brigham Young University High School, 1937-1938; Instructor in Physics, Brigham Young University High School, 1938—.

MARGARET BURTON.....**Instructor in Physical Education
for Women**

Student of the University of Utah and of the Utah State Agricultural College; also of the following specialists in the field of Physical Education and the Dance: Doris Humphrey, Charles Weidman, Martha Graham, Hanya Holm, and Mary Wigman of New York; and of Von Laton and Kreutzburg of Salzburg, Austria. Instructor in summer courses at the Utah Agricultural College, the Brigham Young University. Instructor for nine years at the McCune School of Music and Art. Instructor in Physical Education for Women, Brigham Young University, 1938—.

HAROLD W. LEE.....**Instructor in French**

A. B., Brigham Young University, 1938; Student of French in France, 1930-1933; Instructor in French, Alberta High Schools, 1933-1937; Assistant in French, Brigham Young University, 1937; Instructor in French, Brigham Young University, 1938—.

DAVID M. CROWTON.....**Instructor in Physical Education
and Athletics**

B. S., Brigham Young University, 1938; Assistant in Physical Education and Athletics in Brigham Young University Training Schools, 1937-1938; Instructor 1938—.

ANNA BOSS HART.....**Instructor in English, University
High School**

B. S., Utah State Agricultural College, 1923; M. A., University of Southern California, 1933; Graduate work, University of Wisconsin, 1937-39; Instructor in Arimo (Idaho) High School, 1923-25 and 1927-28; Principal Kelsey (Texas) High School and Elementary Grades, 1926-27; Instructor in Speech and English, Logan Senior High School, 1928-1935; Instructor in English, Brigham Young University High School 1939—.

ANDREW A. ANDERSON.....**Special Instructor in Scouting**
Scout Executive National Parks Council; Special Instructor in Scouting, Brigham Young University, 1930—.

JOSEPH J. KEELER.....**University Organist**

Student of Karl Straube and Robert Teichmüller at Leipsic Conservatory, 1931-32; also at Royal College of Music, London, 1933. Instructor in Piano and Organ, Brigham Young University, 1935—.

- JAMES R. CLARK**.....**Assistant in Library**
A. B., Brigham Young University, 1936; Principal, Lovell-Cowley Seminary, Wyoming, 1936-1938; Assistant in Library, Brigham Young University, 1938—.
- THOMAS PETERSON**.....**Specialist, Extension Division**
B. S., Brigham Young University, 1938; Secretary, Bureau of Visual Instruction, Brigham Young University, 1936—.
- MARJORIE S. LOVE**.....**Assistant in President's Office**
B. S., Brigham Young University, 1936; Assistant in President's Office, Brigham Young University, 1934—.
- EDMUND A. RICHARDSON**.....**Assistant in Spanish**
A. B., University of Arizona, 1928; Head of Spanish Department, Patagonia Union High School, Arizona, 1929-35; Graduate work, University of Arizona and Brigham Young University; Assistant in Spanish, Brigham Young University, 1935—.
- MARY H. SMEATH**.....**Clerk of Extension Division**
Clerk of Extension Division, Brigham Young University, 1936—.
- MARY CALLAN**.....**Assistant in Secretary's Office**
B. S., Brigham Young University, 1938; Assistant in Secretary's Office, 1938—.
- GEORGE H. SMEATH**.....**Assistant in Horticulture**
A. B., Brigham Young University, 1938; Assistant in Horticulture, Brigham Young University, 1937—.
- OLIVER R. SMITH**.....**Assistant in Extension Division**
A. B., Brigham Young University, 1938; Assistant in Extension Division, Brigham Young University, 1938—.
- WAYNE SOFFE**.....**Assistant in Physical Education and Athletics.**
B. S. Brigham Young University, 1938; Assistant in Physical Education and Athletics, 1938—.
- LUDEMA NANCE**.....**University Nurse**
B. S., Brigham Young University, 1938; Graduate of L. D. S. Hospital, Idaho Falls, Idaho, 1933; Graduate nurse Brigham Young University, 1938—.
- BRIGHAM T. HIGGS**.....**Superintendent Buildings and Campus**

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| KARL MILLER, B. S. | Assistant Superintendent Buildings and Campus |
| MORRIS SNELL, B. S. | Mechanic, in charge of Repairs |
| FRANKLIN R. HAYMORE, B. S. | Manager of University Press |
| RODNEY KIMBALL..... | Custodian of Athletic Equipment |

SPECIAL INSTRUCTORS

ELMER NELSON, Instructor in Piano.

HANNAH C. PACKARD, A. B., Special Instructor in Vocal Music.

RICHARD P. CONDIE, A. B., Special Instructor in Vocal Music.

GEORGE W. FITROY, Special Instructor in Piano.

LYNN TAYLOR, A. B., Special Instructor in Art.

STANDING COMMITTEES

Admission and Credits. J. E. Hayes, L. C. Bryner, C. L. Hayward.

Aiding Graduates to Obtain Employment. E. M. Jenson, H. V. Hoyt, the Deans.

Alumni Directory. Oliver Smith, Mary Callan, J. R. Clark,

Athletics. H. G. Ivins, P. A. Christensen, J. W. Knight, C. J. Hart, K. B. Sauls, President of Student Body, President of Alumni Association, C. L. Jensen, Manager of Athletics, E. R. Kimball.

Attendance and Scholarship. W. H. Boyle, J. K. Nicholes, J. W. Sessions, May Billings.

Awards and Prizes. T. E. Pardoe, Franklin Madsen, C. J. Hart, Verla Birrell.

Campus. L. S. Morris, B. F. Harrison, B. F. Larsen, S. T. Shaw, Karl Miller.

Care of Girls' and Women's Activities. Dean of Women, Effie Warnick, Hermese Peterson, Ileen Waspe, Irene S. Barlow.

Catalogue and Other Quarterlies Carlton Culmsee, J. E. Hayes, K. B. Sauls, N. I. Butt.

Debating. A. S. Pond, A. C. Lambert, Elmer Miller, A. J. Morley, A. W. Tracy, Weldon Taylor.

Dormitories. H. V. Hoyt, Effie Warnick, W. P. Lloyd, Nettie N. Smart, H. R. Clark.

Eligibility. Milton Marshall, H. G. Ivins, J. E. Hayes.

Graduation. B. F. Cummings, Joseph Sudweeks, R. D. Law, E. M. Rowe.

Lectures and Musicals. J. C. Swenson, H. R. Clark.

Library. W. J. Snow, S. B. Sperry Arthur Gaeth, A. S. Ballif, Edna Snow, Librarian.

Personnel. C. S. Boyle, Russel Swensen, W. P. Lloyd, R. D. Law, A. C. Lambert, Jack Gibb.

Petitions. S. T. Shaw, Gladys Black, D. E. Beck.

Publicity. Carlton Culmsee, K. B. Sauls, J. M. Jensen, Elsie C. Carroll, R. A. Britsch, Oliver Smith.

Schedule of Events. Marjorie S. Love, G. de Jong.

Schedule of Classes. Russel Swensen, N. I. Butt, Orea B. Tanner.

Social Affairs. Elmer Miller, G. H. Hansen, Dean of Men, Dean of Women, Margaret Burton, K. E. Young, L. C. Bryner.

Social Units. Dean of Men, G. H. Hansen, G. de Jong, J. W. Sessions, Leona Holbrook, A. S. Ballif, Registrar, Dean of Women, Ileen Waspe, Student Representatives.

Student Accommodations. A. J. Johanson, W. H. Snell, P. P. Bigelow, Dean of Women, Floyd Millet.

Student Aid and Employment. Dean of Men, Dean of Women, K. B. Sauls, H. V. Hoyt, Ileen Waspe.

Student Publications. Carlton Culmsee, J. M. Jensen, B. F. Larsen, Naoma Rich.

University History. J. M. Jensen, Ella L. Brown, N. I. Butt, Elsie C. Carroll.

Historical

The Brigham Young University, formerly designated the Brigham Young Academy, was founded by a deed of trust executed by President Brigham Young, October 16, 1875.

It is in charge of a board of trustees, elected triennially, by the vote of the Latter-day Saints, acting through the First Presidency of the Church of Jesus Christ of Latter-day Saints.

For many years it was dependent upon fees and the proceeds of the original endowment for its maintenance, but in recent years an annual church appropriation has been the chief source of its financial support.

Buildings. The first home of the institution was a mercantile building, standing on the present location of the Farmers and Merchants Bank.

Subsequently, this building, with several additions, was destroyed by fire. The school, however, resumed its sessions with the loss of but one day. The basement of the Stake Tabernacle, a store, and the First National Bank building, housed the school for a short time.

From these temporary quarters it moved into the upper story of the Z. C. M. I. warehouse, at the corner of Sixth South street and University avenue. This was the home of the school for seven years.

In 1891 the school moved to what is now known as the Education building, a structure costing \$75,000, made possible chiefly through the personal credit of President Abraham O. Smoot and his associates on the Board of Trustees.

The College building, a gift of ten persons whose names are upon a marble tablet in a hall of the building, was erected in 1898. The responsibility for raising the funds for this building was undertaken voluntarily by Reed Smoot, a member of the Board of Trustees.

The Training School building was built in 1902, the cost of which was met by the contributions of friends of the school, chief among whom was "Uncle" Jesse Knight.

The Art building was erected in 1904, a gift of the nearby stakes comprising what was known at that time as the B. Y. U. academic district.

The Alumni Association, in honor of Dr. Karl G. Maeser, presented the institution with the Maeser Memorial building in 1911. The cost of this building was \$112,000.00. "Uncle" Jesse Knight contributed liberally to the Alumni Association in this project. The heating plant and furnishings were provided by the Church. This building was the first to be erected on University Hill.

The Women's Gymnasium, which is also a recreation building, was erected in 1913.

The Mechanic Arts building, a one-story structure, on University Hill, was erected in 1919.

The Heber J. Grant Library building, also on University Hill, was erected in 1925.

The last three named buildings were built by Church appropriations.

In 1935, two stories were added to the Mechanic Arts building to provide additional classrooms and laboratories. The name was changed to George H. Brimhall building.

During the year 1935-36 a Stadium House, on the west side of the football field was erected.

In 1937-1938, Allen Hall—a men's dormitory—and in 1938-1939 Amanda Knight Hall—a women's dormitory—were constructed. These will accommodate eighty and one hundred students, respectively.

Campus. The first campus of the school was limited to a small playground back of the building which was destroyed by fire. The present Education building was erected in the center of a block 24 by 24 rods.

Then came the purchase of University Hill. As early as 1904, steps were taken to acquire land on this site. A purchase of seventeen acres was made from Provo City. A gift of something over seven acres came from the Fourth ecclesiastical ward of Provo; part of an acre was purchased by an alumnus, and the point of the hill by the student body. Following a movement initiated by the Alumni Association, seventy-five acres was purchased in 1923-24. Since that time purchases have been made of other tracts not only on University Hill, but adjacent to and between the two campuses, until the area now comprises more than one hundred twenty-five acres.

Administration. The first faculty consisted of the principal and two assistants, Dr. Karl G. Maeser, Dr. Milton K. Hardy, and Kristina Smoot. Dr. Karl Maeser served as principal

until 1891, when he was called to the general superintendency of Church schools. Dr. Benjamin Cluff, Jr.,*succeeded Dr. Maeser and served as the executive head of the school until December 22, 1903. Dr. George H. Brimhall succeeded Dr. Cluff and served the institution as president until April 26, 1921, when he was made president-emeritus. On the same date Dr. Franklin Stewart Harris was appointed president, taking office July 1, 1921.

Educational Growth. The first credential granted by the institution was a teacher's certificate given on the completion of one year's normal work. This was followed by a certificate requiring two year's normal work, followed later by the degree of Bachelor of Pedagogy, issued upon the completion of four years' normal work. Later the Bachelor of Arts and Bachelor of Science degrees were authorized to be conferred upon the completion of the regular four years' college courses.

Master degrees have been authorized since 1918.

On February 11, 1909, by an action of the General Church Board of Education the collegiate department of the University was designated The Church Teachers' College.

At the beginning of the school year 1920-21, the name Church Teachers' College was changed to School of Education, and the School of Arts and Sciences was established. During 1921 a college of Commerce and Business Administration was organized and courses leading to a degree of Bachelor of Science outlined. The names, School of Education and School of Arts and Sciences, were changed to College of Education and College of Arts and Sciences. At the same time an Extension Division, a Research Division, and a Graduate Division were organized.

January 25, 1922, a college of Applied Science was established to include the departments of Agronomy, Animal Husbandry, Art, Auto Mechanics, Foods and Nutrition, Horticulture, Household Administration, Textiles and Clothing, and Woodwork. On April 21, 1935, a College of Fine Arts was established to include the departments of Art, Music and Speech.

During the year 1928-1929 the Y Stadium was completed, the name of the College of Commerce and Business Administration was changed to College of Commerce; and the Graduate Division was changed to Graduate School.

University Credits Recognized. The Brigham Young University is on the list of approved colleges of the Association of American Universities. It is also a member of the Northwest Association of Secondary and Higher Schools, the American Council on Education, and the Association of American Colleges.

ORGANIZATION

The Brigham Young University as now organized comprises:

1. **A College of Applied Science**
2. **A College of Arts and Sciences**
3. **A College of Commerce**
4. **A College of Education**
5. **A College of Fine Arts**
6. **A Graduate School**
7. **An Extension Division**
8. **A Research Division**

Elementary and Secondary Training Schools are maintained in connection with the College of Education.

DEPARTMENTS OF INSTRUCTION

Accounting and Business Administration
Agricultural Economics
Agronomy
Animal Husbandry
Art
Bacteriology
Botany
Chemistry
Economics
Educational Administration
Elementary Education
English
Finance and Banking
Geology and Geography
History
Home Economics
Horticulture
Journalism
Landscape Architecture
Library
Marketing
Mathematics
Mechanic Arts
Modern and Classical Languages
Music
Office Practice
Physical Education
Physics
Political Science

Philosophy of Education
 Psychology
 Religious Education
 Secondary Education
 Sociology
 Zoology and Entomology

UNIVERSITY FEES

(All fees are payable in advance)

College and Graduate Students:

| | |
|---|---------|
| Registration fee for full year if paid at beginning of Autumn quarter | \$70.00 |
| Registration fee for less than the full year, the quarter | 25.00 |
| Withdrawal deposit | 1.00 |
| Student activity fee, each quarter | 5.00 |
| (Or \$12.50 for the year if paid in advance) | |
| A gymnasium service fee, each quarter | 1.00 |

Secondary Training School:

| | |
|--|---------|
| Senior High School—10th, 11th, 12th grades, the year | \$20.00 |
| Activity fee | 3.00 |
| Gymnasium service fee, the year | .50 |
| Junior high school—7th, 8th, 9th grades | 10.00 |

Elementary Training School:

| | |
|-----------------------------------|---------|
| 1st to 6th grades, the year | \$10.00 |
|-----------------------------------|---------|

Special Fees:

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|--|---------|
| Late registration (after first week of each quarter) | \$ 2.00 |
| Special students (eight credit hours or less), for each hour | 2.50 |
| Special examinations, for each hour | 2.50 |
| (Provided the maximum fee in any one subject shall not exceed \$20.00) | |

Graduation:

| | |
|----------------------|---------|
| Degree | \$10.00 |
| Normal Diploma | 5.00 |

Special fees are charged for private instruction in Vocal and Instrumental Music and Speech.

Breakage deposit is required in the department of Chemistry, and special laboratory fees in Bacteriology, Photography, Soil Fertility and Zoology. A special fee of \$5.00 is charged those who elect Secondary or Elementary Training.

STUDENT EXPENSES

The cost of books varies from \$5.00 to \$10.00 a quarter, depending upon the number and the nature of the courses elected.

Dormitory Facilities. Dormitories providing healthful and congenial living quarters for both men and women students will be available on a cooperative basis.

Allen Hall for men and Amanda Knight Hall for women provide every modern convenience. All accommodations are furnished, including furniture, bedding, and linen. The occupants do all the necessary work aside from the cooking, and pay the actual expenses of operation. This results in some saving to the occupants.

Applications to live in dormitories should be filed before the opening of school, and should be accompanied by a deposit fee of \$5. If the student decides later not to enter the University, the deposit fee will be returned.

Board and room in private homes costs from \$4.50 to \$6.00 per week. By renting rooms and boarding themselves, students are able to reduce considerably the cost of room and board.

If students desiring assistance will call on the Students' Accommodation Committee when they arrive in Provo, they will be directed to the kind of place they wish. When students desire to change boarding places, they are expected to call on and notify the chairman of this committee.

The University insists that boys and girls be housed separately. The boarding houses are inspected to see that accommodations are satisfactory. The University maintains a Cafeteria, where students may secure the noon meal at cost.

REFUNDS

No refunds will be granted to students who are requested to withdraw from the University because of scholarship or any other cause.

All students when paying fees are given official receipts from the Secretary's Office. These receipts must be presented before refunds are allowed. The students, therefore should exercise care that the receipts are not lost or mislaid.

All fees except \$5.00 will be refunded to any student in residence who withdraws during the first week of the quarter. One-half of all fees paid will be refunded to any student in residence who withdraws during the second or third week of the quarter. No refunds will be allowed after the third week.

ENDOWMENTS

The Jesse Knight Endowment Fund. On December 21, 1914, the late Jesse Knight made an endowment to the University of one hundred thousand dollars in six percent bonds. The interest payments on these bonds, together with the payments on bonds which have matured, have been placed at interest, and the cash credit on this account now represents approximately twice the amount of the original endowment.

The Brigham Young University Permanent Endowment Fund. June 4, 1929, the B. Y. U. Associated Alumni initiated a permanent endowment fund for the University. Some very generous contributions and subscriptions were made at this alumni reunion, and the work of building such an endowment has been carried forward by the alumni and school officials with very gratifying results. Members of the graduating classes since that time have shown a remarkably loyal spirit by subscribing to this fund.

LOAN FUNDS

The lending of the following loan funds is under the supervision of the Deans' Council.

The Emmeline B. Wells Relief Society Loan Fund. In honor of Emmeline B. Wells, the General Board of the Relief Society has established a loan fund to assist young women to complete their school work.

Student Loan Fund. The Sophomore class of 1922 established a loan fund to assist students to complete their school work. This fund is augmented each year, the Sophomore class assuming the responsibility for making an annual addition.

Gamma Phi Omicron Loan Fund. The Home Economics Club of the University (Gamma Phi Omicron) has established a loan fund to assist students of the Home Economics department.

Alpha Kappa Psi Loan Fund. The Alpha Kappa Psi has established a loan fund for senior students of the College of Commerce.

Federation of Women's Clubs Loan Fund. The First District Federation of Women's Clubs of Utah has established a loan fund to be lent to the senior girls of the University.

Paul Lewis Harding and Lucille Christensen Harding Loan Fund. This fund was established for the benefit of women students who are in special need of assistance.

Utah Stake Relief Society Loan Fund. This fund was established in 1938 by the members of the Utah Stake Relief Society. It is to be used to help needy young women students.

ASSOCIATED STUDENTS

General Organization. This organization is composed of all students who attend Brigham Young University and is presided over by officers elected by them. It seeks to develop interest on the part of every student in all those activities which contribute to a more democratic "Y" spirit, and to furnish opportunities for all students to participate in those activities which interest them most. Through this organization, student traditions are kept alive. All interclass and intercollegiate activities are encouraged and unified by this organization. Forensic, dramatic, and music activities are fostered by and are under its management and through it the students publish the school periodicals and also the University year book, the "Banyan." The organization also functions as an auxiliary of the school discipline.

Associated Men Students. All men students registered are members of the associated men. The organization is designed to promote specific interests of Y men, and to foster a wholesome masculine atmosphere on the campus. The executive council of four, supplemented by the twelve members of the Y men's council, form the governing group.

Associated Women Students. This is an organization comprised of all girls registered in the institution. Its purpose is to aid and foster all girls' activities. This organization is also a member of the Western Division of the National Organization of Associated Women Students, which includes practically all of the universities and colleges in the United States.

The Presidents Club. This club is composed of the presidents of all clubs, units, classes or any other student organization upon the campus. Its purpose is to keep union and harmony in student activities by keeping the organizations united, and to maintain a student union, rather than cliquishness, and club consciousness. The President of the Associated Students presides over it and calls the club together whenever it is thought advisable by the Student Council.

Block "Y" Club. An organization of students who have won a Block "Y" in intercollegiate athletic or forensic competition. Its purpose is to foster the traditions of the school, keep alive the athletic and forensic spirit, encourage a true spirit of sports-

manship and to meet visiting teams of athletes or debators and help to encourage friendly relations with their institutions.

White Key. Women's honorary organization installed on the campus in 1933. Membership consists of girls outstanding in service, scholarship, and "pep." Its purpose is to foster university activities of merit and to render service to the associated students.

Gold "Y." This is an underclassman's honorary service fraternity, organized in 1935. It is designed to promote and foster fellowship and all activities of the university. It has as special duties; the lighting of the "Y" on the mountain, sponsoring rallies, contests and meets. Gold "Y" membership is based on activity, and the organization strives to include only active students of good scholastic standing.

CLUBS AND SOCIETIES

To enlarge the educational and social opportunities of the university, units, clubs, and societies are organized. In these groups, the spirit of the institution is fostered, and democracy is especially encouraged.

SOCIAL-UNIT ORGANIZATION

The University recognizes proper social development as one of the important by-products of college training.

To provide suitable opportunity for the fulfillment of this purpose, a Social Unit Organization has been adopted.

The plan provides that every student in the University shall belong to a social unit. These units include from twenty to thirty members, grouped on the basis of sex, social interest, and congeniality. The whole scheme is democratically controlled by the Social-Unit Committee, which consists of members from the faculty, classes, and other organized groups in the University. The Intra-Social-Unit Council, made up of representatives from each Social Unit, has jurisdiction over the internal affairs of the units, such as fees, costs of entertainments, etc.

The Social Units are doing much to keep alive the social ideals of the University and to perpetuate the democratic social traditions characteristic of the Student Body.

DEPARTMENTAL ORGANIZATIONS

This group of organizations has the specific purpose of bringing together persons of similar scholastic interests and of rendering their work more pleasurable and profitable. Each group will

foster the activities of the department to which it is allied. The eligibility rules thereof will be such that any member of the department may qualify for membership by meeting the scholastic requirements imposed by the organization. The fees will be reduced to a minimum. Each organization will have a faculty advisor. The following departmental clubs and societies have been organized:

The "Ag" Club. This organization is open to all students of Agriculture, the purpose being to meet and receive instruction from men who have succeeded practically and scientifically in the agricultural work of the state. Social functions in conjunction with the Home Economics department are featured during the year.

David Starr Jordan Biology Club. This club aims to develop interests in all forms of biological study and has, for its major project, the building of a library of natural science literature. Some 500 volumes have been collected by club members. The increasing animal and plant collections of the department and the new laboratory at Utah Lake, offer interesting materials for new students. Outside of resident students, the membership consists of faculty members, alumni and prominent townspeople.

Drama League. The purpose of this league is to foster the art of reading and dramatics, to appreciate paintings and music, and to give opportunity to its members to hear lectures and readings from the best talent of the state as well as those who are on the lecture platform and the stage. The society meets weekly. It is affiliated with the Drama League of America.

French, Spanish, German, and Latin Clubs. Teachers and students interested in the study of French or Spanish or German or Latin are organized into clubs. These clubs meet twice a month and enjoy programs of songs, talks, reports, games, etc., in which the foreign languages is the medium of speech. Membership is open not only to students but also to all people within easy reach of the University who have studied or are studying the modern languages. Membership privileges are especially extended to people of the community of French, German, Spanish or Spanish-American birth.

Gamma Phi Omicron. (Home Economics.) An organization of the advanced students majoring in some phase of Home Economics. Its purpose is to develop culture and scholarship among its members, and to lend its aid in establishing better homes and community life.

Home Economics Club. The club is organized to create a professional spirit among the students of Home Economics. Regular meetings are held at which interesting lectures are given. Special activities are fostered. All girls registered in Home Economics courses are eligible for membership.

Graduate Club. This club is an organization of the students of the University who are pursuing graduate study. The purpose of the organization "shall be to foster fellowship among its members; to stimulate a desire for higher learning; to assist in finding and developing leadership in the communities; and to use every effort to enhance the interests of the Brigham Young University." A student becomes a member automatically upon registration in the graduate division.

Literary Club. The purpose of this organization is to develop greater appreciation of good literature and to give opportunity for practice in oral and written expression. Carefully prepared lectures on literary topics and dramatic readings will be given by advanced students, members of the English faculty, and others.

"Y" Psychological Society. An organization to foster a better understanding of scientific psychology, and to supplement the regular courses of the department by affording the opportunity of discussing certain current problems by advanced students and outside speakers.

Studio Guild. This organization is for the benefit of students having special talent in any particular phase of fine art and applied art. Lectures on practical topics in connection with arts and crafts are given by members of the faculty and other recognized educators. Exhibitions of artists' and of craftsmen's work are held under the auspices of this organization.

Yeshara—Women's Missionary Club. An organization of women students who have been engaged in active missionary service. Its purpose is to preserve the missionary spirit among the students and alumnae of the University and to render help where possible to women missionaries in the field.

The "Y" Chemical Society. An organization consisting of students interested in the field of chemistry. Meetings are held every alternate week, at which time lectures dealing with the outstanding problems in chemistry, or material intimately connected with this field are given by authorities on the specific subjects. Various excursions to the outstanding institutions of scientific value and interest in the state are sponsored.

International Relations Club. The purpose of this club is to stimulate interest in a clearer understanding of international problems and to develop a spirit of world helpfulness and peace. The club is sponsored by the Carnegie Endowment for International Peace. It is under the general supervision of the department of Political Science.

Omega Nu. The Omega Nu honorary journalism fraternity was founded in the autumn of 1935 to stimulate interest in journalism and to promote higher standards in the field.

Geographical Clubs are organized for the furthering of social enjoyment and the establishing of bonds of interest between the school and the home.

NATIONAL FRATERNITIES

Theta Alpha Phi. National professional dramatic fraternity. Co-educational. The Utah Beta Chapter was installed at this institution in 1924. The purpose is to foster artistic achievement in all of the arts and crafts of the theatre.

Tau Kappa Alpha. Honorary national debating fraternity. Those who engage in inter-collegiate debating and oratory or who attain marked distinction in forensic activity are eligible to membership.

Alpha Kappa Psi. (Beta Delta Chapter.) A professional commerce fraternity the purpose of which is to foster studies in commerce, encourage scholarship and association between members and the commercial world. Male College of Commerce students are eligible for membership.

Beta Beta Beta. (Phi Chapter.) Installed January 31, 1931. An international honorary biological fraternity, which emphasizes a three-fold program: Sound scholarship; dissemination of scientific knowledge; and promptness of biological research. All junior and senior students having twenty-four hours of biological credit are eligible for membership.

Phi Delta Pi. Women's National professional physical education fraternity. Xi Chapter installed November 21, 1931. Its purpose is to stimulate professional and scholastic interest in physical education.

Blue Key. The Blue Key national honorary leadership fraternity was chartered at the Brigham Young University in the spring of 1932. Its purpose is to foster Student Body projects of merit which cannot well be handled by any other organization. It is an upper-classmen organization, the membership of which is fixed at from twelve to twenty active members.

Sigma Pi Sigma. A national honorary Physics Society with the following objectives: (1) to stimulate high scholarship, (2) to create an interest in research and the advanced study of physics, and (3) to encourage friendship among the majors in the department. Installed May 2, 1936.

Delta Phi. A national honor fraternity whose membership on the "Y" campus is elected from those who have served as missionaries for more than six months. Its purpose is to foster spiritual activity, high ideals, fellowship and sociability. Regular programs and lunches are conducted during the school year at which men of the Church and state are the principal speakers. The "Y" chapter is associated with like chapters at the Utah State Agricultural College and the University of Utah.

Phi Chi Theta. (Psi Chapter.) Installed March 12, 1938. A women's national professional fraternity. The purposes and objectives for which this fraternity is organized are to promote the cause of higher business education and training for women, to foster higher ideals for women in business careers, and to encourage fraternal cooperation among women preparing for such careers.

NON-STUDENT ORGANIZATIONS

B. Y. U. Women's Organization. The purpose of this organization is to foster the ideals of the institution and to help furnish recreation and social amusement for the faculty. A woman is eligible for membership in this organization and becomes a member on payment of dues provided that at the time she seeks admission she is either: (1) a present faculty member, (a faculty member is one who holds at least the rank of instructor); (2) a past faculty member; (3) a matron; (4) a board member; (5) the wife of a faculty member who has died in the service of the school; (6) the wife of a present faculty or board member.

Faculty Fine Arts Club. This club is organized to develop and maintain a closer cooperation among the members of the fine arts faculty; to increase the appreciation of each member for all arts; to keep the members aware of what is going on in the various fields of fine arts; and to encourage among the members original creations in music, literature, paintings, etc.

SCHOLARSHIPS

Graduate Scholarships. A limited number of scholarships are available to graduate students who are prepared to render assistance in the various departments of the University. These scholarships are granted on the recommendation of the departments concerned with the approval of the President of the University.

Elsie A. Wallacott Scholarship. A scholarship for girls representing \$30.00 awarded annually through the recommendation of the President.

Van Wagenen Band Scholarship. For the encouragement of worthy students in the line of band music, Mr. Alma Van Wagenen of Provo has established an annual scholarship of \$50.00.

Junius M. Jackson Scholarship. An annual scholarship of \$75.00 to the most outstanding athlete at the end of the junior year, judged on the basis of athletic participation and scholarship, as determined by the Athletic Council and Registrar, awarded by Junius M. Jackson, President of the Jackson Motor Car Company of Salt Lake City.

Annual Commercial Contest Scholarships. Scholarships are awarded to winners of specified events in the Commercial contest for high school students held at the University each year.

The Oscar B. Young Prize. An award of \$50.00 given annually by Professor Kimball Young for the best essay on some phase of **Mormon Community Life**. The adjudication is under the supervision of the department of Sociology.

Mask Club Scholarship. An award of twenty-five dollars is given annually to the junior or senior of the Speech Department attaining the highest average in scholarship and excellence in Speech Arts. This award is given upon registration the following school year. The Dean of the College of Fine Arts and members of the speech faculty make the selection.

Speech Tournament Scholarships. The University awards two annual scholarships representing one year's tuition fees to two high school seniors attaining the highest degree of excellence in speech achieved in the Brigham Young University Speech Tournament. Character and scholarship record in the high school will also be considered in making the selection.

The Speech Department awards a quarter's free instruction in private speech to the student attaining highest excellence in dramatic art achieved in the Annual Speech Tournament. This

private instruction may be taken from any member of the speech department staff.

Journalism Contest Scholarships. Two scholarships are awarded to the first and second place winners in the journalism contest held in connection with the Annual Intermountain School Journalists' Conference at the university. Any high school student in attendance at the Conference is eligible to participate.

Vilate Elliott Scholarship in Home Economics. Miss Vilate Elliott offers annually a cash scholarship of \$50. to the student in Home Economics designated for the award by the faculty of that department.

AWARDS

Students eligible for these awards must be duly registered and carrying successfully at least ten hours of University work.

Provo Chamber of Commerce Medal. The Provo Chamber of Commerce presents annually a gold medal to the most efficient student in the University, based upon scholarship, social status, and public service.

The Elsie Chamberlain Carroll Medal. Mrs Elsie Chamberlain Carroll presents annually a gold medal to the student (girl) of the University writing the best short story.

The Adams Gold Medal. Mr. and Mrs. Walter Adams present annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is a stringed instrument.

The Taylor Gold Medal. Taylor Brothers Company presents annually a gold medal to the most efficient student being graduated from the Music department whose major instrument is the piano.

Alpha Kappa Psi Scholarship Award. Alpha Kappa Psi Fraternity awards annually the Alpha Kappa Psi Scholarship Medallion to the male student of the junior class in commerce who possesses the highest scholastic average for three years' work taken in this university.

The Dr. Horace G. Merrill Silver Loving Cup is awarded to the student of the University who shall attain first place in the annual Cross Country Run, held immediately preceding the Thanksgiving recess. Should a student win first place more than twice the cup becomes the property of such student.

The Woolley Gold Medal. Miss Mary Woolley presents annually a gold medal to the student giving the best rendition of a dramatic reading.

The Stein Gold Medal. Mr. J. Edwin Stein offers annually a gold medal for the most efficient athlete. Efficiency is based upon the participation in athletics, scholarship, and social activity.

The R. R. Irvine Medal is presented annually for excellence in oratory, subject to be based upon some economic problem.

The Class of 1919 Gold Medal is awarded annually for excellence in vocal art.

The Noble Medal. Mrs. Hazel Noble Boyack offers annually a gold medal to the most efficient senior student enrolled in the Home Economics department. The selection of such student will be made by the faculty of the Home Economics department.

The Provo Drama Center, Mask Award. A prize of twenty-five dollars is given each year for the best one-act play of merit, on a Western or pioneer theme.

Provo Rotary Club Gold Medal. A gold medal awarded to the winner of an oratorical contest on some subject of international good will.

Studio Guild Medal. A gold medal is awarded annually by the Studio Guild for the best landscape painting done during the school year in any medium. Members of the Art department faculty and the officers of the Studio Guild make the selection.

Dramatic Service Awards. The Dramatic Art department awards annually a dramatic honor pin to each of three students who have given the most helpful service to the University and to the community during the year.

Egbert Gold Medal. Miss Anna Egbert gives a gold medal for the most efficient debater each year. The award is made in honor of her father, Robert N. Egbert.

Sigma Xi Award. The Society of Sigma Xi of the University awards annually a gold medal for the best piece of research done during the year by any student of the University.

I. E. Brockbank Award. Mr. Isaac E. Brockbank of Provo awards annually a cash prize of twenty-five dollars for the best production in art in any medium.

The Delta Phi Fraternity presents annually a gold medal for excellence in extemporaneous speaking.

Tau Kappa Alpha Fraternity presents two gold medals to the winners of the inter-class debate league.

Journalism Awards. Omega Nu, journalism fraternity, fosters annual contests in short story, feature article, essay, verse, and news writing. Awards are donated by members of the Journalism Department faculty.

Graham Journalism Medal. Howard Graham annually gives a gold medal to be awarded to a student who has done exceptional journalistic service to the University.

Green Journalism Medal. Forace Green, graduate of the B. Y. U. Journalism Department, annually gives a gold medal to the outstanding Journalism graduate.

Sundberg Prize. Mrs. Flora Harvey Sundberg awards annually a cash prize to the most outstanding student in Religious Education.

J. Marinus Jensen Medal. Professor Jensen presents annually a gold medal to the male student of the University writing the best short story.

STUDENT EMPLOYMENT

The Committee on Student Aid and Employment does everything possible to assist worthy students in finding employment. This includes not only placing students in positions within the University campus, but also assistance in finding part-time employment in off-campus jobs, as well as board and room work for both men and women. During the past few years the University has received grants from the National Youth Administration, which has made it possible to give employment to several hundred men and women who are qualified for this aid. Students are not encouraged to attempt to earn their entire way through school, since this ordinarily takes too much time from their studies.

DISCIPLINE

The maintenance of standards of honor, Christian integrity, and Latter-day Saint ideals is required. Within these limits the students are given the fullest freedom. Those who fail to conform to these standards either in personal habits or associations are subject to discipline.

The use of tobacco will not be permitted, and having improper associates or visiting places of questionable repute will not be tolerated.

All social functions given by any organization of the school are under the direction of the standing committee on socials. Any disciplinary announcement made by the executive of the

institution becomes a part of these regulations. Violations of regulations makes the offender liable to suspension or expulsion.

Regular attendance is required at all recitations, laboratory and field work. The committee on attendance and scholarship has general supervision of the disciplinary work of the institution. Regular students who are not satisfactorily carrying at least ten hours work will not be allowed to remain in the institution.

FUNCTION OF THE MEDICAL DIRECTOR

The principal function of the medical director is to conduct the physical examinations of the students and to look after the general health conditions of the school. In addition all students have the privilege of free consultation with him at his University office during schedule office hours, or by appointment. He will gladly respond to all calls to investigate the presence of contagious diseases, but he cannot assume the responsibility of furnishing free treatment for such cases, as is done in schools where the students pay a medical or hospital fee. However, if those students who are unable to pay for necessary services are reported, efforts will be made to see that they are taken care of. No charge will be made for first aid service to persons injured in athletic contests or other forms of school activities, except for material used.

DEAN OF WOMEN

The Dean of Women is charged with the general oversight of all women students, and is always ready to aid and advise them in matters pertaining to their university life. She will not only attend to the special needs of young women during school hours, but will use every precaution to see that they are properly cared for at their boarding places. All women students are required to leave a directory card with the Dean of Women when they register.

DEAN OF MEN

The Dean of Men is charged with the general oversight of all men students, and is always ready to aid and advise them in matters pertaining to their social, personal, and vocational problems. Assistance and advice is also available regarding employment and housing problems. All men students are required to leave a directory card with the Dean of Men when they register.

LIBRARY

The University Library contains more than 112,000 volumes and 50,000 pamphlets and bulletins. These publications cover all phases of human interest and offer opportunity to make intensive studies in almost any field of the sciences or arts. The library has for years been a Government Depository to receive all Government documents. These documents are all well classified and indexed. Besides the Government Documents the Library has nearly a complete set of all agricultural experiment station literature from every state in the Union. It regularly receives important state documents on education, history, politics and various other topics as they are issued by the different states, and is on the publication exchange lists of many of the colleges and universities of the United States and elsewhere. The Carnegie Institute of Washington, the Carnegie Peace Foundation, the Rockefeller Foundation, the General Education Board, the American Council on Education, the Milbank Memorial Fund, the Bell Telephone Laboratories and several of the large business organizations all supply technical and informative literature. The Library subscribes for such technical journals and magazines as are essential to a thorough college education, and it maintains its own book bindery.

Each year the Library strengthens itself along specialized lines through contributions of books to its special collections, of which the following are now being rapidly augmented:

- B. Y. U. Women (Memorial) Collection—General.
- Brimhall Collection—Theology.
- Bennion Collection—Biography.
- C. H. Carroll—Medical.
- Egbert Collection—Music.
- Heber J. Grant—General.
- Henning Collection—Archaeology.
- Hinckley Collection—Geology.
- Ivins Collection—The American Indian.
- Christian Jensen Collection—Political Science.
- Jordan Club Collection—Biology.
- Lund Collection—Music.
- McKay Collection—Education.
- Mask Club Collection—Dramatics.
- Nelke Collection—General Literature.
- Reynolds Collection—Literature.
- Smith (F. W.) Collection—Chemistry.
- Soros's Club Collection (Memorial)—General.

Spilsbury Collection—Home Economics.
Talmage Collection—Science and Religion.
Whitaker Collection—Foreign Languages.
Whitcotton Collection—
Widtsoe Collection—Agriculture.

The Library is open each school day during the regular school year from 8 A. M., until 10 P. M.; on Saturdays from 10 A. M., until 4 P. M.; and during the Summer Session from 7:30 A. M., until 9 P. M.

SPECIAL SCIENTIFIC AND ART COLLECTIONS

The Zoological and Entomological Collections of the University consists of a large series of identified vertebrate and invertebrate species of Utah and contiguous states. A complete series of fish, amphibians, reptiles, birds and mammals of this region are to be found in the collection. The fish collection is especially rich in species and specimens from the Intermountain Region. The bird collection consists of about 4,500 skins, 1,000 of which were collected in the Magdalena River Valley of South America by Chester Van Buren in 1901-1903.

The Entomological collections consist of 210,000 specimens, the Tom Spalding Collection of Utah lepidoptera, the Chester Van Buren Collection of South American Butterflies, the Charles W. Leng Weevil Collection, the Charles Schaeffer Weevil Collection, and many species of weevils from the Blatchley Collection from important portions of this collection.

These collections are being added to annually by means of collecting expeditions that are sent out to various parts of the Western United States.

The Botanical Collection includes a herbarium of liverworts, mosses and vascular plants; and also an extensive series of preserved algae, fungi, liverworts, mosses, ferns, and seed plants. There is also included a number of medical plants and a series of plant diseases.

The herbarium is made up principally of plants collected throughout the Western States, but many species from other regions are included. The collection of North American plants includes 125 families, 750 genera, and 2,500 species, represented by over 10,000 herbarium sheets. There is also a collection of plants from Siberia, obtained by President F. S. Harris in 1929, as well as a small group of plants from Europe and from South America.

The **Geological Collections** of the University consist of an unusually complete series of minerals and an interesting variety of fossils.

The minerals number many thousands and are representative of the great western mining districts together with hundreds of world localities of note. Part of this collection once represented the nucleus of the famous Deseret Museum collection of Salt Lake City.

The fossil series are representative of many western and typical world localities. Much of this material was also formerly a part of the Deseret Museum collection. The vertebrate collection is especially rich in original fossils and casts of the characteristic mammalian fauna that lived in the Western states during the immediate geologic past.

The **Archaeological collections** include a number of well prepared case exhibits of Utah Indian materials, including pottery, basketry, stone implements, wearing apparel and picture writings. It also includes a number of South Pacific Islands collections together with what is thought to be the finest South American collection of Indian pottery in the West.

The **Fine Arts collection** consists of drawings, paintings, sculpture, and art prints. The collection contains outstanding paintings and sculpture by Utah artists and also pictures by the following well-known painters: John F. Carlson, John E. Costigan, Elliot Dangerfield, Maynard Dixon, George Pearse Ennis, Gordon Grant, Marie A. Hull, William Morris of England, Lee F. Randolph, George Taggart, and Anthony Thieme. The Fine Arts collection contains hundreds of reproductions of the work of master painters, sculptors, architects, craftsmen and illustrators.

GENERAL REQUIREMENTS FOR UNDER-GRADUATE WORK

ADMISSION

A student seeking admission to any of the colleges of the University must be a graduate of an accredited high school, or he must present sixteen units of approved high school work which must be acquired during four school years, or he must pass an examination in a sufficient number of subjects to make sixteen units. In no case shall fewer than twelve of the sixteen units be acquired during the last three years of high school.

He must offer among his credits the following:

| | |
|-------------------------|-----------------|
| English | 3 units |
| A principal group | 3 or more units |
| A secondary group | 2 or more units |

The principal and secondary groups must be selected from either Mathematics and Science or from History and Social Science. At least one unit in Mathematics, either Algebra or Geometry, must be included in either the principal or the secondary group. If the principal group is from Mathematics and Science, the secondary group must be from History and Social Science, or vice versa.

To facilitate registration, a student seeking admission is requested to forward an official copy of his credits to the Registrar not later than September 1. If blanks for this purpose are not to be had at the local school, they may be obtained from the Registrar at the University.

In case a student is unable to furnish an official transcript of credits on or before the day of registration, he may be admitted tentatively, provided the committee on admission and credits is convinced he can furnish such transcript and otherwise meet the entrance requirements within thirty days. During this tentative period he will be rated as unclassified.

A student of twenty-one years of age or over, who has not completed sixteen units of high school work, but shows ability to do special work, may be admitted to any of the colleges of the University. Ability to do special work must be certified to by the heads of the departments concerned. He may pursue any course for which he has sufficient foundation, and will be rated as an unmatriculated student. To become a candidate for a degree such student must meet the entrance requirements.

A student who has met the entrance requirements but who is carrying fewer than eight hours of work will be designated as a special student.

COURSE DIVISIONS

Undergraduate courses of study are divided into:

- (a) Lower Division
- (b) Upper Division.

Lower Division courses are numbered in the catalogue from "1" to "49." Upper Division courses from "50" to "99." Graduate courses are given numbers above "100."

ELECTION OF STUDIES

The student, in electing his studies, should, with the advice and approval of the dean of the college in which he registers, elect such studies as are desirable. The major and minor, as well as the general, requirements for graduation should be kept in mind in electing studies. Four hours credit in Physical Education are required of all Freshmen. Should a resident student desire to take courses by correspondence or in extension classes, the approval of the student's dean must be secured, and the correspondence or extension work entered upon the regular registration card. Excess work taken by correspondence or extension classes not approved in this manner, will not be recorded for credit. Resident students of other institutions who apply for correspondence or extension class work, at this University, must have their proposed registration approved by the president of the institution in which they are registered. Students wishing to transfer correspondence credits from other institutions are subject to examination by the University department concerned.

At least five quarters of lower division work should be completed before the student registers for upper division work, unless in certain sequences the dean with the consent of the instructor advises otherwise. Included in the lower division work must be English 1, 2, 3; and for the A. B. degree twelve hours in foreign language work. It is recommended that as far as possible group requirements be completed by the close of the sophomore year.

CLASSIFICATION OF STUDENTS

A regular student with fewer than forty-five hours credit at the beginning of the school year will be classed that year as a Freshman.

A regular student with more than forty-five hours credit and fewer than one hundred thirty-five at the beginning of the year will be classed during that year as a Sophomore.

A regular student with more than eighty-nine hours credit and fewer than one hundred thirty-five at the beginning of the school year will be classed during that year as a Junior.

A regular student with more than one hundred thirty-four hours credit at the beginning of the school year will be classed during that year as a Senior.

CREDITS

A student may have credit entered on the books of the University as follows: 1. For work done in the regular courses offered by the institution. 2. For work done in an accredited college when such credit is to be used for graduation from the University, the amount to be determined by the committee on credit. 3. By passing a satisfactory examination in any course offered by the University under the supervision of the head of the department concerned. Credits from other schools should be filed with the Registrar upon entrance.

Special examinations for advance credit will be given only with the consent of the head of the department concerned, the dean of the college in which the student is registered, and the committee on credits.

An incomplete course of study must be completed during the next quarter of residence, provided the next quarter of residence is within one year; otherwise the course must be retaken in a class or a special examination taken to obtain credit.

A fee of \$2.50 per credit hour is charged for special examinations, provided the total fee for any one subject does not exceed \$20.00.

GRADUATION**GENERAL REQUIREMENTS**

For a student to be admitted to candidacy for a diploma or a degree, his scholastic record must show that he has satisfied the entrance requirements, and that he can fulfill all the requirements for graduation on the completion of the courses for which he is registered. At the time of graduation each candidate must be properly registered in the University, and must have completed at least forty-five hours of work in residence.

The following graduation requirements apply to all candidates for a bachelor's degree from any of the colleges of the University:

| | |
|--|----------------|
| Total amount of credit | 186 hours |
| Requirement for a major | 30 to 45 hours |
| Requirement for a minor | 20 hours |
| Group Requirements: | |
| Mathematics and Physical Science | 12 hours |
| Biology and Psychology | 12 hours |
| Social Science | 12 hours |
| English and Foreign Languages | 18 hours |

Lower Division Courses Required:

English 1, 2 and 3.

Physical Education 1, 4, 5, 6.

A candidate for a Bachelor of Arts degree is required to furnish 24 hours credit in a foreign language. Shopwork, shorthand and typing will not be credited towards the A. B. degree.

Not more than 28 hours of "D" grade credit will be applied towards graduation.

Students who expect to be graduated at the end of the spring quarter should file application with their dean not later than the beginning of the winter quarter. All conditions must be removed not later than ten days before graduation.

Students who fulfill all requirements for graduation at the close of the Summer Session and who have filed application for graduation not later than thirty days preceding the close of the spring quarter may have their graduation certified to by the proper authorities of the University, but they shall not be publicly graduated until the annual commencement of the following year.

The University reserves the right to change the requirements for graduation and a candidate for graduation will be asked to comply with all changes which pertain to the uncompleted portion of his course. The University Council is the body authorized to prescribe requirements of graduation and to pass on candidates.

GROUP REQUIREMENTS

Ordinarily the object of the first two years of the University curriculum is to introduce the student to fundamental fields of human interest and to provide a broad basis for later specialization. In order that these purposes may be achieved, certain studies should be completed under the direction of the respective deans. Before a regular student will be permitted to register for more than five quarter hours of upper division work during any one quarter, he must choose or be tentatively assigned to a major professor and have completed the number of hours prescribed in each of the following groups:

1. Mathematics and Physical Science. 12 hours. (Mathematics, Chemistry, Physics, Geology and Geography.) To satisfy the twelve-hour group requirement the student is urged to take work in at least two departments. At least one of the courses

taken must require no fewer than two hours of laboratory work each week.

2. Biology and Psychology. 12 hours. (Bacteriology, Botany, Zoology and Entomology, Psychology.) To satisfy the twelve-hour group requirement the student is urged to take work in at least two departments. At least one of the courses must require no fewer than two hours of laboratory work each week.

3. Social Science. 12 hours. (Economics, History, Political Science, Sociology.) To satisfy the twelve-hour group requirement the student is urged to take work in at least two departments.

4. English and Foreign Languages. 18 hours, at least 12 hours of which must be in English. This group must include English 1, 2, and 3. In case a student has credit for at least two units of foreign language taken in high school, this group may be reduced to 14 hours.

MAJOR AND MINOR REQUIREMENTS

At least sixty hours of upper division work must be furnished by students applying for graduation.

At the beginning of his college course, and in no case later than his Junior year each student should select his major department, the head of which in connection with his dean, will serve as his special faculty adviser. At the time of his graduation he must have completed from thirty to forty-five quarter hours in the department, and no fewer than twenty hours in collateral or minor subjects which meet the approval of the head of his major department.

In cases where the prospective graduate's high school and college work shows marked evidence of deficiencies in grade of scholarship, in breadth of training, or a preparation for probable future activity, the head of the department in consultation with the dean may prescribe certain additional specified courses to the extent of fifteen quarter hours according to the needs of the particular student.

THE TEACHING MAJOR AND MINOR

The head of the department which teaches the subject, shall formulate and exercise control over the teaching major. Students majoring in Secondary Education, Educational Administration or Philosophy of Education, who seek State certification, shall present a teaching major subject to this regulation and also a teaching minor.

All students who expect to take practice teaching are required to make formal written application on blanks provided by the teacher training division of the College of Education, at least three months prior to the date of beginning practice teaching, and preferably not later than the end of the second quarter of the junior year. Before students are permitted to begin practice teaching, their application for secondary training must be approved by the head of the respective subject matter department and by a committee for that purpose in the College of Education, and the applications for elementary training must meet the approval of a committee in the department of Elementary Education with the head of that department serving as chairman.

STATE REQUIREMENTS FOR TEACHING CERTIFICATES

General High School Teaching Certificate. An applicant for the general high school certificate must show:

(1) That he has completed a standard college course of four years, or its equivalent.

(2) That he has a teaching major of at least thirty-hours in one subject which is taught in Utah high schools, at least **15 hours of which must be in upper division work, and one teaching minor of eighteen hours** in a subject which is taught in Utah high schools.

(3) That he has at least 16 hours of work in the following subjects allied to education: 6 hours in health and physical education, 10 hours in ethics and sociology, or 5 hours in one of these subjects and 5 hours in political science or economics.

(4) That he has at least 27 hours in education, including at least 8 hours in secondary training, 3 hours in the organization and administration of secondary education, 3 hours in educational psychology, and 3 hours in guidance and personnel.

The additional credit in education may be selected from the following subjects:

Advanced Educational Psychology.

Social Psychology.

Social Education.

Statistical Methods.

Educational Tests and Measurements.

Special Methods.

History of Education.

Philosophy of Education.

General Elementary School Teaching Certificate. Beginning elementary school teachers will be required to hold the elementary certificate based on at least 3 years (135 hours) of approved normal school or college work. In the 135 hours there shall be included: 10 hours in English at least 6 of which shall be in English composition; 4 hours in language and literature for children; 6 hours in physical and health education, 3 hours in art, 3 hours in music, 27 hours in education to include 10 hours in training and at least 3 hours in each of the following education subjects:

Educational Psychology.

Elementary School Curriculum.

Principles of Education.

Organization and Administration of Elementary Schools.

There will also be included in the 135 hours, 10 hours in each of the following groups:

Social Science.

Biological Science.

Physical Science.

THE GRADUATE SCHOOL

All graduate work leading to higher degrees is now administered under the direction of the Graduate School.

Character of Graduate Work. The essential aim of graduate study is to develop the power to do independent work and to encourage the spirit of research. Each candidate for a higher degree is expected to possess a broad, general knowledge of his major and a fair degree of information in his minor subject.

Registration. All students pursuing graduate work are to be registered by the Dean of the Graduate School.

Students holding a Bachelor's degree equivalent to that conferred by the Brigham Young University will be admitted to graduate work without examination.

If during any quarter of the senior year a candidate for a baccalaureate degree finds it possible to complete all requirements for such degree with a registration of fewer than sixteen hours of undergraduate credit he may register with the Dean of the Graduate School for enough graduate credit so that the total registration shall not exceed sixteen quarter hours during such quarter.

Admission to graduate courses is granted only to those who have the requisite undergraduate work in those courses

or departments. In order adequately to determine this fact the student should file with the Dean of the Graduate School an official transcript of his undergraduate courses at the time that he registers for graduate study.

Each graduate student must submit his course of study and the title of his thesis to his major professor and the Dean of the Graduate School for approval. Changes in registration may be made only with their consent.

Graduate credit is given under the following conditions: (1) The courses for which graduate credit is given must be definitely catalogued as courses carrying graduate credit. (2) Only those students who are eligible to receive graduate credit at the time a course is taken will receive graduate credit for such a course.

Admission To Candidacy. Registration for graduate study does not admit a student to candidacy for a higher degree. A graduate student who has been in residence one quarter or more whose thesis subject has been approved, and who has given evidence of ability to do work of a graduate character may be admitted to candidacy for a higher degree by vote of the University Council. The mere accumulation of credits does not necessarily indicate ability to do graduate work. All applications for admission to candidacy for a higher degree should be made to the Dean of the Graduate School.

Requirements for the Master's Degree. Two higher degrees are offered: Masters of Arts (M.A.), provided the candidate meets the foreign language requirement for the A. B. degree; and Master of Science (M. S.) if the candidate does not meet the foreign language requirement for the A. B. degree. A student may be admitted to candidacy upon the completion of the following requirements: (a) The candidate must, after securing a Bachelor's degree, furnish 45 hours of graduate credit, approved by the Dean of the Graduate School and major professor, in addition to 186 hours of college credit, and 16 units of high school credit. Beginning with the school year 1935-36 the candidate will also be required to be in residence three quarters. (b) A thesis must be submitted based on work done in some field of investigation within the major department, and which must show evidence of independent research. The final acceptance of the thesis shall be under the supervision of a committee to be known as the Thesis Committee. This Committee shall consist of the major professor and two other persons to be selected by him. The thesis must be completed at least ten days before the final examination. (c) At least fifteen days before graduation, the candidate must pass an oral examina-

tion to be given by a committee to be known as the Examining Committee. This Committee shall consist of five members including the Dean of the Graduate School, the major professor, and three other members to be selected by them.

The candidate shall furnish complete copies of his thesis to his major professor and to the Dean of the Graduate School at least five days before the date of the final examination. (d) A bound typewritten or printed copy of the thesis must be furnished the University library. Before the degree is granted the candidate must file with the Dean of the Graduate School a copy. (e) A candidate for a Master's degree must secure a grade of "B" or above in three-fourths of his graduate work. No grade below "C" will count toward a Master's degree. (f) An applicant for this degree must furnish at least one-half of his graduate credit is his major subject. The rest of the credit for this degree must be offered in work closely related to the major subject.

A maximum of nine (9) quarter hours of graduate extension credit may be applied toward a Master's degree provided such credit has been earned through the Extension Division of this University and has been approved by the Director of the Extension Division and the Dean of the Graduate School when the candidate registers for such credit. No credit earned in Correspondence courses can be applied toward a Master's degree.

A maximum of nine (9) quarter hours of graduate credit earned in another standard college or university may be applied toward a Master's degree, but in no instance shall such transferred credit, or any extension credit be accepted toward the fulfillment of the requirements for a Master's degree unless all such credit is closely integrated and related to the candidate's major field of study.

Under no circumstances shall a candidate be permitted to apply more than a maximum of fifteen (15) quarter hours of combined extension credit and transferred credit from other approved colleges and universities.

The use of extension credit and transferred credit for the Master's degree shall under no conditions modify the University requirement that a candidate for his degree must be in residence during three quarters.

A minimum of thirty (30) quarter hours of graduate credit must be secured in residence in this institution.

SCHOLARSHIP HONORS

In recognition of meritorious work, scholarship honors are granted to members of degree graduating classes in accordance with the following:

First. There shall be two degrees of honor: **Graduation with Honor, and Graduation with High Honor.**

Second. The wards shall be made on the basis of excellence shown in the upper division or graduate work done in the Brigham Young University.

Third. To receive the award of Graduation with Honor a student shall have a record of not fewer than thirty hours of upper division work showing "A" grade and not fewer than fifty hours of such work showing "A" and "B" grades.

Fourth. To receive the award of Graduation with High Honor a student shall have a record of not fewer than forty hours of upper division work showing "A" grade, and not fewer than fifty-four hours of such work showing "A" and "B" grades.

Fifth. The number of graduates receiving honors shall not be greater in any year than one-fifth of the numbers of students graduating. In the event that more than one-fifth of the graduates shall meet the honor requirements set forth above, the students to receive honors shall be chosen as follows: The number of hours of "A" grade of each subject shall be multiplied by "1½," and the number of hours of "B" grade by "1." The one-fifth of the graduates receiving by this process the highest product totals shall receive honors.

Sixth. It shall be the duty of the Committee on Graduation to make selection of candidates in accordance with these provisions.

Seventh. The announcement of honor awards is to be made at the annual commencement exercises.

Term Honors. The University will post and publish at the close of each quarter of the regular school year the names of the students who have received "A" grades in not fewer than sixteen hours.

EXTRA CURRICULAR PARTICIPATION

With the exception of freshmen and transfers in the first quarter of residence, all regular students desiring to participate in any form of extra curricular activity are required to show at least ten hours of academic work taken and completed within the quarter immediately preceding the one in which they desire to

participate, and carrying a minimum grade point average of "C". After three quarters of residence all such regular students are also required to show at least thirty hours of work taken and completed within the three quarters immediately preceding the one in which they desire to participate, and carrying a minimum grade point average of "C".

ALUMNI ASSOCIATION

The B. Y. U. Alumni Association was organized in 1893. The purpose of the organization is to promote the highest interests of the Institution and a closer fellowship between alumni and students. The constitution provides that, "anyone who has successfully completed one quarter at B. Y. U. may become an active member by paying his annual dues of \$2 or Life Membership of \$25.00." Alumni local chapters are functioning in various parts of Utah and in other states.

Beginning with the class of '38 all graduates receive a certificate of membership into the B. Y. U. Alumni Association with dues paid for the first year out of school. They are active members and receive all advantages as active members.

Six of the twelve Board of Directors are elected each year at the Annual Alumni Banquet held during Commencement Week.

In 1938 a permanent general secretary of the Association was appointed to serve as a medium of communication between the University and the alumni and to get students thinking "alumni". This position is now held by Cornelius R. Peterson whose office is in Room 331, Brimhall building on the University Campus.

Colleges

COLLEGE OF APPLIED SCIENCE

The aim of the College of Applied Science is to provide instructions in the scientific principles and technical operations pertaining to the farm, the home, the shop, and the professions, trades, and industries related to the same. Students may specialize in any one of the many fields of applied science and prepare for capable leadership and efficient service in their chosen lines.

The degrees, Bachelor of Science and Bachelor of Arts, are given to graduates of this College.

Majors may be selected from the following departments in the College of Applied Science: Agronomy, Animal Husbandry, Horticulture, Home Economics, Bacteriology, Animal Husbandry, Horticulture, Home Economics, Landscape Architecture, Mechanic Arts.

Summary of requirements for a teaching major in Home Economics which qualifies for a Vocational Home Economics Certificate.

| | |
|--|----------|
| Group and prerequisite requirements | 56 hours |
| Clothing and Textiles 1, 2, 3, 55, 56, 10, 15, 62 | 21 hours |
| Foods and Nutrition 10, 11, 12, 50, 5 15 | 20 hours |
| Household Administration 5, 60, 60b, 61, 62, 80, 81, 82, 63, 64, 65 | 28 hours |
| Education which includes Household Administration 71, 72, 73 | 30 hours |
| Art 21, 25, 29, and 4 elective hours | 10 hours |
| Physical Education | 4 hours |

The 69 hours in Home Economics courses replace the regular major and minor requirements.

SUMMARY OF REQUIREMENTS FOR A TEACHING MAJOR IN AGRICULTURE

Agronomy 21, 22, 41, 57.
Animal Husbandry 1, 7, 9, 21.
Horticulture 1, 3.
Landscape Architecture 9, 21, 24.

A teaching minor in Biological Science, Physical Science, or Mechanic Arts should accompany a teaching major in Agriculture. The following courses are suggested:

Botany 1, 2, 3, 5, 60; Bacteriology 21, 22.

Zoology 11, 18, 30, 77; Chemistry 21, 22; Physics 11.

Geology 1; Mechanics 1, 2, 6, 7, 11; Drawing 3, 4;

Engineering 1, 3.

Education requirements for the certificate are as listed by the College of Education.

It is recommended that those in this college who expect to fill the requirements for teaching with a major in Agriculture, should include in the Social Science group, Agricultural Economics 60, and should also maintain close contact with the College of Education as well as with the major departments concerned.

It is further recommended that this be accomplished by registering in the College of Education.

COLLEGE OF ARTS AND SCIENCES

The primary purpose of the College of Arts and Sciences is to meet the needs of students who desire a broad and liberal education that will enable them to find and take their places in the complex civilization of today. Abundant opportunity is provided for those who have ambition for specialized study in engineering, medicine, law; or who desire to train for religious, political or social leadership. Preparation for original investigation in the fields of this college is emphasized. Students who wish to build a foundation for advanced degrees will find this college rich in opportunity.

In order that the beginning student may receive adequate guidance in the selection of a course of study, this college has been divided, for purposes of freshmen and sophomore registration only, into the following divisions. Detailed suggestive courses may be obtained from the Dean on application.

Biological Science Division. For students with special interests in bacteriology, botany, psychology, and zoology.

Physical Science Division. For students with special interests in chemistry, geology, geography, mathematics and physics.

Social Science Division. For students with special interest in history, political science, sociology and economics.

Language Division. For students with special interest in English, French, German and Spanish.

General Course Division. For students who have as yet no special interest, but who need orientation.

This college also offers pre-engineering, pre-medical, and pre-legal courses as follows:

Pre-Engineering Course

The following courses are suggested for students wishing to qualify in Pre-Engineering work. Chemistry 4, 5, 6; Drawing 4, 5, 6; Economics 1; Engineering 30, 40, 41, 42; Mathematics 11, 12, 13, 50, 51 and 52; Mechanics 18; Physics 41, 42, 43; Physical Education 4, 5, 6.

Pre-Medical Course

The requirements for admission to Class A medical colleges vary from a minimum of three years of standard college work to the possession of a bachelor's degree. Students contemplating studying medicine should communicate early in their undergraduate course with the Dean of the particular medical college they wish to enter, in order to learn the exact entrance requirements at the time they expect to enter. Practically all medical colleges prescribe the same minimum of subject matter which includes general zoology, vertebrate anatomy, embryology, general inorganic chemistry, quantitative analysis, organic chemistry, general physics, and a reading knowledge of French or German.

Students are advised to take the following courses in their pre-medical training at this institution. These courses should be taken in their sequence through the lower and upper division years. Chemistry 4, 5, 6, 10, 11, 71, 72; Physics 41, 42, 43; English 1, 2, 3, and 6 additional hours in English; French or German 1, 2, 3, 54, 55, 56; Zoology 11, 18, 55, 56, 71, 72; Bacteriology 21 and 22; Psychology 11; and Sociology 55 and 56.

The Medical Aptitude Test, prepared by the Association of American Medical Colleges and required for all pre-medical students should be taken during the year prior to application for admission to a medical college.

For further advice relative to this work, the student is referred to Professor Vasco M. Tanner, adviser for pre-medical students.

Pre-Legal Course

Lower division students who contemplate the study of law should register for Political Science 1, 10, 11; Economics 1, 2, 14; English 1, 2, 3; and Physical Education 1, 4, 5, 6. They are also advised to register for work in American and English history, and in Sociology. Electives should be chosen from courses which satisfy group requirements.

At least by the beginning of the junior year students should select their major department and seek the aid of the major professor as well as the Dean in matters of registration. Students may select their majors from any of the following departments in the College of Arts and Sciences: Bacteriology, Botany, Chemistry, English, Geology and Geography, History, Mathematics, Modern and Classical Languages, Physics, Political Science, Psychology, Sociology, and Zoology and Entomology. The degrees, Bachelor of Arts and Bachelor of Science, are given to graduates of this College.

COLLEGE OF COMMERCE

The purpose of the College of Commerce is to provide training for leadership in finance and industry. Courses are so arranged that students will be given the training that will best fit them for analyzing business conditions, for efficiency in office administration, and for the demands of the industrial and financial world. The degrees, Bachelor of Science and Bachelor of Arts, are given to graduates of this College.

Majors may be selected from the following departments: Finance and Banking, Accounting and Business Administration, Agricultural Economics, Economics, Marketing, and Political Science.

COLLEGE OF EDUCATION

The College of Education is one of the professional schools of the University. Its principal function is the training of teachers, principals, supervisors, and superintendents. This college meets the requirements of the Utah State Board of Education for the various grades of elementary and high school certification and for certificates and diplomas in administration and supervision.

The College of Education is made up of two constituent divisions, namely: The departments of academic instruction, and professional education departments, including the training schools.

The following departments are at present organized: Elementary Education, Philosophy of Education, Psychology, Educational Administration, Secondary Education, Religious Education, and Physical Education.

In addition to the foregoing departments for majors and minors in the College of Education, students of this college may major in any department of the University, which depart-

ment requirements they fulfill, provided they take at least thirty hours in professional and educational subjects.

All students who expect to take practice teaching are required to make formal written application on blanks provided by the teacher training divisions of the College of Education at least three months prior to the date of beginning practice teaching, and preferably not later than the end of the second quarter of the junior year. Before students can be permitted to begin practice teaching, their applications for secondary training must be approved by a committee in the College of Education and by the head of the respective major subject matter department; and applications for elementary training must meet the approval of a committee in the department of Elementary Education with the head of that department serving as chairman.

The degree of Bachelor of Arts and Bachelor of Science are given to graduates of this college.

Training Schools: Two training schools are established: first, an elementary training school organized for practice teaching for those preparing for kindergarten and elementary school work; second, a secondary training school which offers training in the six years in junior and senior high schools.

Students are urged to complete the requirements for a degree in Elementary Education. The diploma of graduation is an endorsement of the student's fitness to teach in the elementary schools and will enable him to secure a first class elementary school certificate from the Utah State Board of Education.

THE COLLEGE OF FINE ARTS

The policy of the University has always provided for a liberal patronage of the fine arts. A constantly growing desire to offer greater opportunities to those whose inclinations and talents lead them into this field resulted in the organization of the College of Fine Arts.

With an exceptionally well prepared faculty, who have received the benefits of extended study and travel in recognized art centers, and adequate physical equipment in each department, this college is able to do work for high scholastic standing.

Any course offered in this college, leading to a degree, is the cultural equivalent to other college courses differing from them mainly in respect to the emphasis placed upon the study of fine arts.

At present the following departments are fully organized: Art, Speech, and Vocal and Instrumental Music. Majors may

be selected from the work offered by these departments. Graduates of this college may receive the degree of Bachelor of Arts or Bachelor of Science.

SUMMER SESSION

It is the policy of the Brigham Young University to make the summer session one of the regular quarters of the school year. A large corps of teachers, supplemented by well known educators from other institutions, offers a wide range of subjects from each of the departments of the school.

The summer session is divided into two terms so that students may be in attendance only part of the summer, if they desire, without hindrance to the completion of their courses. The first term is held on the Provo Campus, the second on the Alpine Campus to the east of Mount Timpanogos. This latter campus is located about eighteen miles from Provo at an elevation of nearly 7000 feet. Although a wide range of subject matter is taught on this campus it affords exceptionally fine conditions for the study of art and the natural sciences.

The summer session offers the opportunity to persons who are employed during the usual nine months of schooling to pursue graduate work, and to regular students the opportunity to complete requirements for graduation in a shorter time than four years.

LYCEUM COURSE

For many years the University has brought to its students distinguished men and women in lectures, in dramatic art, and in music.

During the past year the following appeared on the course:

| | |
|-----------------------------|---|
| Geoffrey O'Hara | Song writer and lecturer |
| Chamber Opera Trio | Ensemble and soloists |
| Alexander Kisselburgh | American baritone |
| Andre Marchal | Organist from St. Germain Des Pres in Paris |
| Abbe Ernest Dimnet | Author-Philosopher |
| Sergei Rachmaninoff | Composer-pianist |
| James M. Hepborn | Crime problem expert |
| Lotte Lehmann | Soprano, Metropolitan Opera Company |
| Gregor Piatigorsky | Russian 'cellist |
| Sir Arthur Willert | British diplomat and publicist |
| Toscha Seidel | Russian violinist |
| Theodore Dreiser | American novelist |
| Phyllis Bentley | British novelist |

| | |
|--|--------------------------------|
| Jerold Frederic | American pianist |
| Burns Mantle | Dramatic critic and editor |
| Carl Mose | American sculptor |
| Pasquier Trio | String ensemble |
| Merryle Stanley Rukeyser | Economist and journalist |
| Paul Engle | American poet |
| Pomona College Women's Glee Club | Chorus |
| E. Robert Schmitz | French pianist |
| Sheldon Cheney | American author and art critic |
| Martha Graham and her dancers | |

Courses of Instruction

AGRONOMY

Professors Martin, Harrison, Stewart, Morris, Ivins, Shaw;
Assistant Professor Johanson

Students interested in the range management phase of forestry are advised to take the following courses:

Botany 1, 3, 60, 70, 80; Agronomy 21, 23, 41, 57, 73; Animal Husbandry 4, 5; Horticulture 3, 40; Landscape Architecture 20; Zoology 11, 30, 57; Surveying 1.

Lower Division Courses

- 21 General Crops.** Winter, M. W. F. 10:30. Three hours credit. Shaw.

This course will deal with the fundamental principles underlying the production of crops. Selection, grading, judging and methods of protection will be studied.

- 22. General Crops Laboratory.** Winter. M. W. 3:30-5:30 two hours credit. Smeath.

Designed to accompany 21 as a laboratory course.

- 23. Forage Crops.** Autumn T. Th. 9:30. Lab. T. 1:30-4:30. Three hours credit. Harrison.

Native and cultivated grasses and other plants useful as forage are treated from the standpoint of their systematic classification, ecology, distribution, and relative value. Prerequisite: Botany 3.

- 40. Weeds.** Autumn T. Th., 2:30: Three hours credit. Shaw. (See Horticulture 40.)

- 41. Soil Physics (General Soils).** Autumn. T. Th. 8:30. Lab. F. 1:30-4:30. Three or four hours credit. Martin.

A review of the physical, chemical and microbiological phase of soil study with emphasis on soil physics.

Upper Division Courses

- 50. Advanced Cereal Crops.** Spring. T. Th., 1:30. Two or three hours credit. Shaw.

A technical course largely based on morphology and physiology of the grasses.

- 51. Origin and History of Cultivated Plants.** Winter. T. Th. 8:30. Two hours credit. Morris. (See Horticulture 51.)

52. **Soil Chemistry.** Autumn. M. W. F. 3:30 Three hours credit. Johanson. (See Chemistry 54.)

This course deals with the chemistry problem as applied to soils. A study is made of the chemical analyses of soils, soil alkali, soil acidity and base exchange, and certain rarer elements on the chemical characteristics and changes in the soils. Studies are also made on the role which the rarer elements play in plant nutrition.

53. **Soil Chemical Analysis.** Autumn. M., 3:30, W. F. 3:30-5:30. Three hours credit. Martin and Johanson.

A laboratory course designed to accompany the lecture course in Soil Chemistry. Complete quantitative analyses are made of soils, fertilizers, and organic matter. Written reports and discussions of the chemistry involved will be parts of the work.

54. **Conservation and Land Utilization.** Spring. Three hours credit. (See Geography 54.)

57. **Soil Classification and Survey.** Spring. T. Th., 8:30, F., 1:30. Three or four hours credit. Martin. (Lab. F., 2:30-4:30) (See Geology 57).

A study is made of the influence of geologic forces and climatic environment on soil development, classification of soils based upon soil profile characteristics, and methods of soil survey.

59. **Plant Genetics.** Winter. M. W. F., 1:30. Three hours credit. Morris. (See Horticulture 59.)

60. **Farm Management.** Winter. M. W. F., 1:30. Three hours credit. Ivins. (See Animal Husbandry 60.)

This course takes up the general consideration of farm management; types of farming, farm layout, farm capital, equipment, labor, tenancy, etc.

73. **Range Management.** Three hours credit. Spring. M. W. F., 10:30. Stewart and Shaw.

The management of Range Land will be studied with respect to soil erosion, flood, watershed, forage and timber production and livestock grazing.

75. **Geography of Agriculture.** Three to six hours of credit in proportion to amount of work done. Stewart and Martin.

A course dealing with the location and nature of agricultural development, including grazing, as determined by climate, topography, soil, water supply, transportation, markets and other geographic influences.

- 91. Conservation of Plant and Soil Resources.** Four hours credit. Stewart. Time to be arranged. Extra credit for additional work may be obtained.

This course consists of a study of the conservation problems related to water, soil, range, and forest and their influence on farm and community stabilization.

- 92. Soil Microbiology.** Winter. T. Th., 8:30 and M., 3:30. Three hours credit. Martin.

A lecture course designed to acquaint the student with bacteria in relation to soil fertility. Prerequisites: Bacteriology 21, and Agronomy 41, 52.

- 93. Soil Microbiology.** Winter. M. W. 3:30-5:30. Two hours credit. Martin.

A laboratory course to accompany course 92. It will consist of a study of methods used in bacteriological investigation. Prerequisites: Bacteriology 22, and Chemistry 10, 11.

- 95. Molds and Actinomycetes of the Soil...** (See Bacteriology 95.)

- 96. Seminar.** Autumn, Winter or Spring. W., 4:30. One hour credit. Martin.

Current agronomic literature, agricultural problems. Assigned topics will be considered in the form of a round table discussion. Required of all seniors and graduate students majoring in agronomy.

- 97. Research.** Seniors specializing in agronomy may elect research work from three to six hours. Time and credit to be arranged. Martin and Johanson.

- 98. Special. Problems in Soils.** Spring. Credit and subject matter to be arranged. Martin, Shaw, and Johanson.

Algae and fungi activities in soil, fermentation, physical, chemical, and biological properties of soils, nitrification, nitrogen-fixation and lignin protein complex studies are among the problems considered in the course. Type of problem selected is based upon the previous preparation of the student.

- 99. Agricultural Literature.** A study of agronomic literature. Special problems and written reports. Time and credit to be arranged. Martin.

Graduate Courses

123. **Advanced Range Management.** Time and credit to be arranged. Stewart.
157. **Soil Classification.** Spring. Three hours credit. Martin.
175. **Geography of Agriculture.** Time and credit to be arranged.
189. **Conservation of Plant and Soil Resources.** Four hours credit. Stewart.
192. **Soil Microbiology.** Winter. Three hours credit. Martin.
193. **Soil Microbiology Laboratory.** Autumn. Two hours credit. Martin.
195. **Molds and Actinomycetes of the Soil.** (See Bacteriology 195.)
196. **Seminar.** Credit to be arranged.
197. **Research.** Time and credit to be arranged.
198. **Special Problems in Soils.** Time and credit to be arranged.
199. **Agricultural Literature.** Time and credit to be arranged.
200. **Thesis.** Credit to be arranged.

ANIMAL HUSBANDRY

*Professor Ivins; Dr. Cullimore, Assistant
Professor Johanson*

Lower Division Courses

1. **Elementary Stock Judging.** Autumn. M. W. F., 1:30-4:30. Three periods of three hours a week. Three hours credit. Ivins. (Not given this year.)

This course consists of a study of the market types and classes of live stock. Field trips will be made to farms of the country where practice in scoring and judging of animals will be done.

2. **History of Breeds.** Spring. Daily, 9:30. Five hours credit. Ivins.

All breeds of live stock will be studied. Emphasis will be directed to the condition under which the breeds were formed, the men who did the work, and the adaptability of the breeds to western conditions.

4. **Beef Cattle Husbandry.** Autumn. T. Th., 9:30. Two hours credit. Ivins.

This course is a consideration of the types and breeds, feeds, care and management of beef cattle for western

conditions. The student will be made familiar with beef animals by frequent field trips.

5. **Sheep Husbandry.** Winter. T. Th., 9:30. Two hours credit. Ivins.

Types and breeds of sheep will be reviewed followed by study of the management, care and feeding of sheep, both on the range and on the farm.

6. **Swine Husbandry.** Winter. T. Th., 1:30. Two hours credit. Ivins.

Types, breeds and management of swine and their place on western farms. Emphasis will be put on their relation to dairy farming.

7. **Feeding of Farm Animals.** Spring. M. W. F., 10:30. Three hours credit. Ivins.

A study of the chemical composition of feeds, the needs of the animal body, the compounding of rations and methods of practice in feeding.

8. **General Poultry.** Winter. M. W. F., 9:30. Three hours credit. Ivins.

A study of breeds, judging, breeding, incubating, brooding, housing, feeding and marketing.

9. **Diseases of Farm Animals.** Autumn. M. W. F., 1:30. Three hours credit. Ivins.

A study of the anatomy of farm animals, of the common diseases of horses, cattle, sheep, hogs, and poultry; their causes, prevention, and treatment.

21. **Elements of Dairying.** Autumn. M. W. F., 8:30. Three hours credit. Ivins.

A general survey of dairying and its relation to Utah agriculture; the secretion, composition and properties of milk; the conditions that affect quantity and quality of milk; use of milk as human food.

Upper Division Courses

50. **Horse Husbandry.** Spring. T. Th., 1:30. Two hours credit. Ivins.

A brief study of breeds of horses. Discussion of problems of feeding and management, with special emphasis on care and training of the American Saddle horse.

51. **Animal Breeding.** Autumn. M. W. F., 10:30. Three hours credit. Ivins.

Principles, practices, and methods involved in the breeding and development of domesticated animals. Mendelism

in animals, transmission, heredity, value of pedigree, systems of breeding, etc.

59. **Types and Breeds of Poultry.** Autumn. T. Th., 1:30. Two hours credit. Ivins.

A study of the popular breeds of domestic fowls; their origin, classification, methods of mating and breeding. Designed especially for students planning to engage in Smith-Hughes and club work.

60. **Farm Management.** Winter. M. W. F., 1:30. Three hours credit. Ivins.

This course takes up the general consideration of farm management, with special attention to livestock on the farm.

61. **Experimental Animal Nutrition.** Open to seniors and graduates only. Prerequisites: 5 hours in organic or bio-chemistry, and Animal Husbandry 7. This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged. Johanson. (See Zoology 61.)

65. **Animal Physiology.** Autumn. M. W. F. Laboratory, T. 1:30-4:30. Five hours credit. Hayward. (See Zoology 65-66.)

81. **Milk and Milk Products.** Winter. M. W. F., 10:30. Three hours credit. Ivins.

A course dealing with the properties, composition, and constituents of milk, the manufacture and marketing of milk products. Prerequisites: Animal Husbandry 21 and one year of bacteriology.

91. **Dairy Survey.** Winter. Time to be arranged. One hour a week. One hour credit. Ivins.

A study of current literature and experiments in dairy work. Each student will be expected to make reports on various subjects in this field which will be discussed by the class.

92. **Seminar.** Spring. Time to be arranged. One period a week. Ivins.

Current literature and problems in the field of Animal Husbandry will be studied and discussed. Required of all seniors who major in Animal Husbandry.

Graduate Course

110. **Research in Nutrition.** Time and credit to be arranged. Ivins and Johanson.

Open to graduates only, major or minor. Designed for students in Animal Husbandry and Home Economics who desire to get acquainted with the problems of nutrition.

ART

*Professors Larsen, Snell; Assistant Professor Jenson;
Miss Birrell; Mr. Taylor.*

Students majoring in Art are required to take courses 7, 8, 9, 11, 12, 13, 14, 15, 16, 21, 24, 25, 26, 27, 28, 29, 38, 39, 40, 52, 53, 71, 84, 85.

For students who are preparing to teach Art the department recommends at least six additional hours of upper division work to be selected under the direction of the head of the department.

Lower Division Courses

7. **Graphic Representation.** Autumn. M. W. F., 2:30. Two hours credit. Larsen.
Freehand drawing in various media. Perspective emphasized.
8. **Graphic Representation.** Winter. M. W. F., 2:30. Two hours credit. Larsen
Life drawing.
9. **Graphic Representation.** Spring. M. W. F., 2:30. Two hours credit. Larsen.
Freehand drawing. Composition in various media.
11. **Water Color Painting.** Autumn. T. Th., 10:30. Two hours credit. Birrell.
Survey and application of the various techniques of water color painting.
12. **Water Color Painting.** Winter. T. Th., 10:30. Two hours credit. Birrell.
Emphasis on mass, line, value, and texture as related to still life composition.
13. **Water Color Painting.** Spring. T. Th. 10:30. Two hours credit. Birrell.
Emphasis on color as related to outdoor sketching. A study and application of color theories and harmonies.
- 14, 15, 16. **Commercial Art.** Autumn, Winter, Spring. T. Th., 1:30. One or two hours credit each quarter. Jenson. (See Marketing 14, 15, 16.)
All three courses given each quarter. 14, Pen rendering; 15, Brush rendering; 16, The Layout.

21. **Theory and Practice of Design.** Autumn. M. W. F., 1:30. Two hours credit. Larsen. (See Drawing 1.)

Study of the fundamental principles of art affecting the use of form, color, and texture in structural forms and decoration. Foundation course in Art Appreciation.

24. **Metal Craft.** Autumn. T. Th., 3:30-5:30. One hour credit. Birrell, Snell. Alternate years (even years.)
Copper work. Jewelry.

25. **Batik and Textile Design.** Winter. T. Th., 3:30-5:30. Two hours credit. Birrell.

Wood block, linoleum block, weaving stencil, textile painting and Batik used as a basis for creative design. The history of design is considered.

26. **Crafts** Spring. T. Th., 3:30-5:30. One hour credit Birrell.
Leather, wood, raffia and reed used as basis for creative design.

27. **Pottery, Clay Modeling, Plaster Casting.** Autumn. T. Th., 3:30-5:30. One hour credit. Birrell. Alternate years — (Uneven.)

Pottery and Modeling in clay. The figure in plastic-design.

28. **Home Planning and Civic Art.** Winter. M. W. F., 1:30. Two hours credit. Larsen.

Study of common types of American Homes. Art problems in connection with home planning, and community planning.

29. **Interior Decoration.** Spring. M. W. F., 1:30. Two hours credit. Larsen.

The study of art principles as applied to the decoration and furnishing of the home.

38. **Oil Painting.** Autumn. M. W. F., 3:30-5:30. Two hours credit. Larsen.

An introduction to the use of oil colors as a medium of expression.

39. **Still Life and Figure Painting.** Winter. M. W. F., 3:30-5:30. Two hours credit. Larsen.

Oil medium emphasized.

40. **Outdoor Sketching.** Spring. M. W. F., 3:30-5:30. Two hours credit. Larsen.

The landscape emphasized.

- 41, 42, 43. Art for Elementary School Teachers.** Autumn, Winter, Spring, M. W. F., 3:30. One to three hours credit each quarter. Jenson.

Simple drawing and painting with various media. Methods of teaching and integrating art with the other subjects will be stressed.

Upper Division Courses

- 52. Art History and Appreciation.** Winter. T. Th., 1:30. Two hours credit. Birrell.

Prehistoric structure, graphic art and decoration. Interpretation and classification of masterpieces of architecture, sculpture, graphic arts, ornament and painting to the end of the middle ages.

- 53. Art History and Appreciation.** Spring. T. Th., 1:30. Two hours credit. Birrell.

Renaissance architecture, sculpture, graphic arts, ornament and painting. Emphasis upon schools of painting beginning with the Primitive Florentine down to those of the nineteenth century. Illustrated lectures.

- 57, 58, 59. Interpretative Drawing.** Autumn, Winter, Spring. M. W. F., 2:30. Two hours credit. Larsen.

Figure and nature compositions in various media. Elementary illustration. Prerequisites: Art 7, 8, 9.

- 61, 62, 63. Commercial Art.** Autumn, Winter, Spring. T. Th., 1:30. Two to four hours credit each quarter. Jenson.

Poster designing and lettering. Systems of lettering. Sign writing introduced. Historical alphabets. Prerequisites: Art 14, 15, 16.

- 64. Water Color Painting.** Autumn. M. W. F., 3:30-5:30. Two to four hours credit. Larsen.

Landscape and still-life composition. Prerequisites: 7, 8, 9, 11, 12, 13.

- 65. Water Color Painting.** Winter. M. W. F., 3:30-5:30. Two to four hours credit. Larsen.

Still life and figure composition. Prerequisites: 7, 8, 9, 11, 12, 13.

- 66. Water Color Painting.** Spring. M. W. F., 3:30-5:30. Two to four hours credit. Larsen.

Outdoor sketching. Prerequisites: 7, 8, 9, 11, 12, 13.

67. **Oil Painting.** Autumn. M. W. F., 3:30-5:30. Two to four hours credit. Larsen.

Emphasis upon landscape composition. Prerequisites: Art, 7, 8, 9, 38.

68. **Oil Painting.** Winter. M. W. F., 3:30-5:30. Two to four hours credit. Larsen.

Painting from still life and the costumed model. Prerequisites: Art 7, 8, 9, 38.

69. **Oil Painting.** Spring. M. W. F., 3:30-5:30. Two to four hours credit. Larsen.

Outdoor sketching and landscape composition. Prerequisites: Art 7, 8, 9, 38.

70. **Studio Art.** Autumn, Winter, Spring. Time to be arranged. One or two hours credit each quarter. Larsen.

Advanced drawing and painting from life, the costumed model or still life.

71. **Advanced Design.** Autumn. T. Th., 9:30. Two hours credit. Birrell.

Special relationships stressed as applicable to commercial, industrial, and modern design. Prerequisite: Art 21.

72. **Mural Design.** Winter. T. Th., 9:30. Two hours credit. Birrell.

The figure in design based in special, mural treatment. Prerequisite: Art 8, 21, 71.

73. **Plastic Design.** Spring. T. Th., 9:30. Two hours credit. Birrell.

The figure and other design motifs in plastic media — wood, clay, plaster. Prerequisite: Art 8, 21, 71, 72.

74. **Metal Craft.** Autumn. T. Th., 3:30-5:30. One or two hours credit. Alternate years. Birrell, Snell.

Advanced work in copper and jewelry.

75. **Textile Design.** Winter. T. Th., 3:30-5:30. One or two hours credit. Birrell.

Advanced work in Textile Design.

76. **Crafts.** Spring. T. Th., 3:30-5:30. One or two hours credit. Birrell.

Advanced work in the various crafts' media.

77. **Modeling and Casting.** Autumn. T. Th., 3:30-5:30. One or two hours credit. Birrell.

Advanced work in Modeling and Casting.

78, 79. Home Planning and Interior Decoration. Winter and Spring. M. W. F., 1:30. Two hours credit each quarter. Larsen.

84. Contemporary Art. Winter. T. Th., 8:30. Two hours credit Larsen.

A study of the rise and progress of contemporary art in Europe and America. Beginning with the 19th Century.

85. American Art. Spring. T. Th., 8:30. Two hours credit. Larsen.

A study of the crafts, sculpture, painting, architecture and the industrial arts in America.

91, 92, 93. Interior Decoration. Autumn, Winter, Spring. T. Th. 9:30. Two hours credit each quarter. Taylor.

History of Interior Decoration. Emphasis on period furnishings. A practical study of the manufacture, design, installation and care of all mediums and materials used in interior decoration and home furnishings. Practical problems in interior decoration. Prerequisites: Art 21, 28, 29. (See Household Administration 52, 53, 54)

Graduate Courses

101. Composition. Autumn. T. Th., 8:30. Two hours credit. Larsen.

A study of the means employed by artists to achieve beauty.

114, 115, 116. Commercial Art. Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Jensen.

121, 122, 123. Advanced Design. Autumn, Winter, Spring. T. Th., 9:30. Two to four hours credit. Birrell.

Research and application following the quarter pattern of 71, 72, 73.

134. Contemporary Art. Winter. T. Th., 8:30. Two hours credit. Larsen.

Impressionism and Modernist experiments in Europe and America.

135. American Art. Spring. T. Th., 8:30. Two hours credit. Larsen.

Contemporary American Artists and their work.

157, 158, 159. Interpretative Drawing and Painting. Autumn, Winter, Spring. 2:30. M. W. F. Two hours credit. Larsen.

Composition study in various media.

- 164, 165, 166. **Water Color Painting.** Autumn, Winter, Spring. M. W. F., 3:30-5:30. Two to four hours credit each term. Larsen.
Development of individual expression.
- 167, 168, 169. **Pictorial Composition.** Autumn, Winter, Spring. M. W. F., 3:30-5:30. Two to five hours credit. Larsen.
170. **Painting.** Autumn, Winter, Spring. Time to be arranged. One or two hours credit. Larsen.
Drawing and painting from life.
- 191, 192, 193. **Interior Decoration.** Autumn, Winter, Spring. T. Th., 9:30. Taylor
200. **Research.** Autumn, Winter, Spring. T. 9:30. Credit to be arranged.

BACTERIOLOGY

Professor Martin; Assistant Professors Snow, Bryner; Dr. Oaks.

Animal Husbandry 61, Foods and Nutrition 52, Experimental Animal Nutrition by Johanson, may be used to apply toward a major in Bacteriology.

Lower Division Courses

21. **General Bacteriology.** Autumn or Winter. M. W. F. Sec. 1, 9:30, Martin; Sec. 2, 10:30, Snow. Spring, Sec. 1, 9:30 and Sec. 2, 10:30, Snow. Three hours credit.
22. **General Bacteriology Laboratory.** Autumn, Winter or Spring. Sec. 1, M. W. Sec. 2, Autumn, Winter, T. Th., 1:30-4:30. Two hours credit. Martin and Snow.
Laboratory course in general bacteriology, designed to accompany Bacteriology 21.

Upper Division Courses

62. **Bacteriology of Milk.** Winter. M. 8:30, and one other lecture period. Laboratory W. F. 8:30-10:30. Four hours credit. Martin. (Not given for fewer than five students.)
Attention is given to the bacteria of milk and milk products in general, and also their relation to disease. Prerequisites: Bacteriology 21 and 22, and Animal Husbandry 21.
70. **Bacteriology of Foods and Water.** Spring. M. 8:30; Laboratory W. F. 8:30-10:30. Three hours credit. Martin.
A study of bacteria which infect foods and water. The laboratory work consists of analyses of food and water.

- 71. Bacteriology of Fermentation.** Winter. M. W. F., 10:30, and one laboratory period. Four hours credit. Bryner.

A study of the industrial applications of bacteria, including yeast, lactic, butyl isotonic, citric acid and other fermentations. Prerequisites: Bacteriology 21 and 22, and Chemistry 71.

- 81. Pathogenic Bacteriology.** Spring. M. W., 8:30; Th., 1:30. Three hours credit. Oaks and Martin.

An advanced course in bacteriology designed for those desiring information about human diseases and who are preparing for the professions of nursing, public health, dietetics and medicine.

- 82. Pathogenic Bacteriology Laboratory.** Spring. T. Th., 1:30-4:30. Two hours credit. Martin.

Designed to accompany Bacteriology 81.

- 92. Soil Microbiology.** Winter. M., 3:30; T. Th., 8:30. Three hours credit. Martin.

A lecture course designed to acquaint the student with microorganisms in relation to soil fertility. Prerequisites: Bacteriology 21 and Agronomy 41, 52.

- 93. Soil Microbiology Laboratory.** Winter. W. F., 3:30-5:30. Two hours credit. Martin.

A laboratory course to accompany Bacteriology 92.

It will consist of a study of methods used in bacteriological investigation. Prerequisites. Bacteriology 21, 22, and Chemistry 10, 11.

- 95. Molds and Actinomycetes of the Soil.** M., 8:30; Laboratory W. F., 8:30-10:30. Three hours credit. Martin.

A course designed to acquaint the student with the types of molds and actinomycetes which inhabit the soil. Botany 50 and 51 advised before taking this course

- 96. Seminar.** One hour credit each quarter. W., 4:30. Martin, Oaks and Snow.

- 98. Special Problems in Bacteriology.** Spring. Credit and subject matter to be arranged. Martin, Oaks and Snow.

Problems having to do with determinative bacteriology, algae and fungi activities in soil fermentation, disinfection and antiseptic studies, organisms which infect the nose and throat, food and formite studies will constitute the burden of the course. Types of problem selected will be based upon the previous preparation of the student.

Graduate Courses

- 171. Bacteriology of Fermentation.
- 181. Pathogenic Bacteriology.
- 182. Pathogenic Bacteriology Laboratory.
- 192. Soil Microbiology.
- 193. Soil Microbiology Laboratory.
- 195. Molds and Actinomycetes.
- 196. Seminar.
- 197. Research.
- 198. Special Problems.
- 200. Thesis. Credit to be arranged.

BOTANY

*Professors Harrison, Stewart, Morris;
Assistant Professor Snow.*

Students majoring in Botany should present credit in Botany 1, 3, 21, 50, 51, 52, 54, 60, 70, 80, 95.

Students who desire to teach biology in high school may select a major in either the Botany or Zoology department. The following courses should be completed as a minimum: Botany 1, 2, 3, and 60. Bacteriology 21. Zoology 11, 18, 30, 57, or 59, 65, and 66.

Students interested in range management should take the following courses: Botany 1, 3, 60, 70, and 80. Agronomy 21, 23, 41, 57, 73. Animal Husbandry 4 and 5. Horticulture 3, 40. Landscape Architecture 20, Zoology 11, 57. Entomology 30, Engineering 1.

Lower Division Courses

1. **General Botany.** Autumn, Winter, Sec. 1, T. Th., 8:30; Sec. 2, 9:30. Spring, T. Th., 9:30. Laboratory, Sec. 1, T. Th., 1:30 to 3:30; Sec. 2, 3:30 to 5:30; Sec. 3, W. F., 3:30 to 5:30. Four hours credit. Harrison and Snow.

A course dealing with the fundamentals of the structure, physiology and reproduction of plants. Prerequisite course to further work in the field of plant life. Also recommended for the non-science student.

2. **General Botany.** Winter, T. Th., 10:30. (Lab. F. 1:30 to 4:30.) Three hours credit. Snow.

An introduction to members of the plant kingdom exclusive of seed-plants. The habitat, structure, and life-history of members of a representative series of algae; fungi, mosses, and ferns are considered.

3. **Classification of Plants.** Spring. T. Th., 9:30. Laboratory M. W., 3:30, Four hours credit. Harrison.

The classification of seed plants and ferns of the Wasatch region to acquire a familiarity with the general principles of systematic botany, to learn the distinctive characteristics of the larger groups of plants, and to develop skill in the use of manuals.

5. **Field Botany.** Spring. T. Th., 7:30-9:30. Two hours credit. Harrison and Snow.

A course in general nature study, designed especially for teachers of elementary and secondary grades.

8. **Trees and Shrubs.** Autumn. T. Th., 8:30. (Lab. 2:30 to 5:30.) Three hours credit. Morris. (See Horticulture 8.)

9. **Trees and Shrubs.** Spring T. Th., 8:30. (Lab. 2:30 to 5:30.) Three hours credit. Morris. (See Horticulture 9.)

21. **Anatomy.** Autumn. M. W. F., 1:30 to 3:30. Three hours credit. Harrison.

An introductory course in the origin, development, and maturation of the structures of vascular plants. Prerequisite: Botany 1.

25. **Plant Histology.** Winter. Time to be arranged. Three hours credit. Harrison.

A laboratory course in the technique of preparing, cutting, staining, and mounting tissues for microscopic examination. Prerequisite: Botany 1.

Upper Division Courses

50. **Morphology of Algae.** Autumn. T. Th., 8:30. (Lab. F., 1:30-4:30.) Three hours credit. Snow.

A study of the morphology, life histories, classification and relation of the main groups of algae. Prerequisite: Botany 1. (Not given this year.)

51. **Morphology of Fungi,** Autumn. T. Th., 8:30. (Lab. W. F. 3:30 to 5:30.) Three hours credit. Harrison.

A study of the development, morphology, and relationships of representative fungi. Prerequisite: Botany 1.

52. **Morphology of Bryophytes, and Pteridophytes.** Winter T. Th. 8:30. (Lab. T. Th., 1:30 to 3:30.) Three hours credit. Snow.

A study of the morphology, life histories, and relationships of the liverworts, mosses and ferns. Prerequisites: Botany 1, 21.

- 54. Morphology of Spermatophytes.** Spring. M. W., 8:30. (Lab. T., 1:30 to 4:30.) Three hours credit. Harrison.

A study of the morphology, life histories, classifications and relationships of the higher plants. Prerequisites: Botany 1, 21.

- 60. Plant Physiology.** Winter. M. W. F., 8:30. (Lab. M. W., 1:30 to 4:30.) Five hours credit. Harrison.

A lecture and laboratory course in physiology of plants, covering such topics as absorption, transpiration, synthesis of carbohydrates, digestion and growth. Prerequisites: Botany 1. Chemistry 4 or its equivalent recommended.

- 70. Plant Pathology.** Autumn. M. W. F., 10:30; (Lab. W. F., 3:30 to 5:30.) Five hours credit. Harrison.

This course deals with the important diseases of local plants, their identification, cause and methods of control. Prerequisite: Botany 1, 51. (Not given this year.)

- 80. Plant Ecology.** Autumn. T. Th., 10:30. Field trip or laboratory period on alternating Saturdays. Four hours credit. Harrison.

The plant in relation to its environment and its adaptation to the factors of soil and climate; plant communities and succession of various types of vegetation. Prerequisite: Botany 1, 3.

- 86. Experimental Ecology.** Spring. T. Th., 10:30. (Lab. Th., 1:30 to 4:30.) Three hours credit. Harrison.

A course dealing with the behavior of plants under measured and controlled environmental conditions. Prerequisites: Botany, 60, 80.

- 88. Conservation of Natural Resources.** Time to be arranged. 3-5 hours credit. Stewart.

The need for, and the means of providing conservation of forests, shrubs, range forage, and other plant cover as they affect land-use management. The inter-relations of vegetation on water supplies and uses, on soil preservation, on live stock and wild life management, and on recreation are considered. Conservation of coal, minerals, and oil.

- 92. Soil Microbiology.** (See Agronomy 92.)

- 93. Soil Microbiology Laboratory.** (See Agronomy 93.)

- 95. Seminar.** Autumn, Winter, M., 4:30. One hour credit each quarter. Harrison, Snow.

Required of all majors in their junior and senior years.

- 97. Special Problems in Botany.** Credit, one to five hours. Time and credit to be arranged. Harrison, Snow.

Graduate Courses

- 153. Advanced Special Morphology.** Time and credit to be arranged.

Critical studies in the morphology of special groups.

- 170. Plant Pathology.** (Not given this year.)

- 183. Field Ecology.** Time and credit to be arranged.

Field work in plant ecology done in connection with the regular biological expeditions sponsored by the University. The full time of the student will be required during the period of field work.

- 186. Experimental Ecology.**

- 189. Range and Forest Ecology.** Autumn, Spring or Summer. One to four hours credit. Stewart and Martin.

Distribution of desert, and mountain plants as influenced by the climate and soil environments. Graduate students may be admitted by application for thesis problem in field.

- 192. Soil Microbiology.**

- 193. Soil Microbiology Laboratory.**

- 195. Seminar**

- 197. Special Problems in Botany.**

- 200. Research.** Any quarter. Four to six hours credit. Harrison, Snow.

Independent research on a thesis problem and the writing of the thesis.

CHEMISTRY

Professor Maw; Associate Professor Nicholes; Assistant Professors Bryner, Peterson, Johanson, Mr. Wing

Students majoring in Chemistry should present credit in chemistry 4, 5, 6, 10, 11, 71, 72, 73, 81, or 76 and Seminar. It is advised that the fundamental courses in Mathematics, Physics, German, and French be taken as early as possible.

Suggestive sequence for Chemistry majors: Chemistry 4, 5, and 6, the Freshman year; 10, 11, 62, and 51, 52, 53, the Sophomore year; 71, 72, 73, the Junior year; and 81, 82, 83, or 76, and Seminar, the Senior year.

For a teaching major in chemistry the following courses are suggested: Chemistry 4, 5, 6, 10, 11, 22, 51, 52, 53, 57.

Lower Division Courses

1. **A Survey Course in Chemistry.** Repeated each quarter. Daily 10:30. 4 hours credit. Peterson.

For students who desire a knowledge of chemistry for its cultural value. Note: Students who have had high school chemistry should register for Chemistry 4.

4. **General Chemistry.** Autumn and Winter. Five hours credit. Nicholes and Peterson.

Autumn: Sec. 1. Daily, 8:30; Lab. 9:30-11:30, T. Th., or 1:30-3:30, M. W. Nicholes. Sec. 2. Daily, 9:30; Lab. 1:30-3:30 T. Th., Peterson. Sec. 3. Daily, 2:30; Lab. 3:30-5:30 T. Th., Nicholes.

Winter: Sec. 1. Daily, 2:30; Lab. 3:30-5:30 M. W., Peterson.

A course in fundamental principles of chemistry. Prerequisite: High School Chemistry.

5. **General Chemistry.** Winter and Spring. Five hours credit. Nicholes and Peterson.

Winter: Sec. 1. Daily, 8:30; Lab. 9:30-11:30 T. Th., or 1:30-3:30 M. W. Nicholes. Sec. 2. Daily, 2:30; Lab. 3:30-5:30 T. Th., Nicholes. Sec. 3. Daily, 9:30; Lab. 1:30-3:30 M. W., Peterson.

Spring: Sec. 4. Daily, 2:30; Lab. 3:30-5:30 M. W., Peterson.

A continuation of Chemistry 4.

6. **Qualitative Analysis.** Autumn and Spring. Five hours credit. Nicholes, Peterson, and Wing.

Autumn: Daily, 8:30 Wing.

Spring: Sec. 1. Daily, 8:30 Nicholes. Sec. 2. Daily, 9:30 Wing. Sec. 3. Daily, 2:30 Peterson.

A course in inorganic qualitative analysis, principles and laboratory practice.

- 10, 11. **Elementary Quantitative Analysis.** Autumn and Winter or Winter and Spring. One lecture, one quiz section. Course 10: Autumn, M. W., 2:30. Winter, M. F., 2:30. Course 11: Winter, M. W., 2:30. Spring, W. F., 2:30. Two laboratory periods: M. W., 3:30-5:30. T. Th., 3:30-5:30. Three hours credit each quarter. Wing.

21. **Introductory Inorganic Chemistry.** Autumn. M. W. F., 1:30. Three lectures, two recitations and two laboratory periods. Lab. Sec. 1. M. W., 3:30-5:30; Sec. 2. T. Th., 3:30-5:30. Five hours credit. Johanson.

For students of home economics, but not for chemistry majors.

- 22. Introductory Organic Chemistry.** Winter. M. W. F. 1:30. Three lectures, two recitations and two laboratory periods. Lab. Sec. 1, M. W., 3:30-5:30. Sec. 2. T. Th., 3:30-5:30. Five hours credit. Johanson.

A brief course for students of home economics. Emphasis is placed on those phases of organic chemistry which are foundational for foods and nutrition, and for elementary biochemistry.

- 23. Introductory Biochemistry.** Spring. M. W. F., 9:30. Two three-hour laboratory periods. Five hours credit. Johanson. An elementary course for students of home economics. Prerequisite: Chemistry 22 or equivalent.

Upper Division Courses

- 51, 52. Inorganic Chemistry.** Autumn and Winter. T. Th., 8:30. Two hours credit per quarter. Peterson.

A lecture course in the principles of inorganic chemistry for students who have completed Chemistry 4, 5, and 6 or equivalent.

- 53. Colloid Chemistry.** Spring. T. Th., 8:30. Two hours credit or Three hours credit with laboratory. Peterson.

Studies of the preparation, properties, and practical applications of the chemistry of colloids.

- 54. Soil Chemistry.** Autumn. M. W. F., 3:30. Three hours credit. Johanson or Nicholes.

A lecture course dealing with plant nutrients, ionic equilibrium, buffer action, base exchange and alkalinity in the soil, and soil composition. Prerequisite: Chemistry 4, 5, and 6; Agronomy 41.

- 57. Methods of Glass Manipulation.** Autumn, Winter, Spring. Two laboratory periods. Time to be arranged. One hour credit. Bryner.

Exercises in glass working. Demonstrations with pyrex.

- 62. Quantitative Analysis.** Autumn, Spring. M., 2:30. Two three-hour laboratory periods. Two to four hours credit. Continuation of Chemistry 11. Wing.

Includes electrolytic processes, lectures; demonstrations of special methods.

- 63. Advanced Quantitative Analysis.** Autumn, Winter, Spring. Time to be arranged. Two to ten hours credit. Maw and Wing.

Complete analysis of typical minerals, including silicates.

- 64. Advanced Qualitative Analysis.** Spring. One recitation. Six hours laboratory work. Time to be arranged.

Laboratory exercises include anions, cations, complex ions, and some of the rare elements. Micro and semi-micro techniques are employed. Maw and Wing.

- 66. Special Methods.** See Chemistry 166.

- 71, 72, 73. Organic Chemistry.** Autumn, Winter, Spring. M. W. F. 10:30. Two laboratory periods, Sec. 1. T. Th., 1:30-3:30. Sec. 2. T. Th., 3:30-5:30. Five hours credit each term. Maw and Johanson.

A study of carbon compounds. Laboratory experiments in the syntheses and reactions of the different classes of organic compounds. The Spring quarter completes the discussion of the Aromatic compounds and reviews the field in the form of elementary qualitative tests and analysis of Organic compounds.

- 74. Qualitative Organic Analysis.** Autumn. One lecture. Two three-hour laboratory periods. Time to be arranged. Three hours credit. Maw or Johanson.

Practice in identifying pure organic compounds and simple mixtures by analysis, physical properties and the preparation of derivatives.

- 76, 77. Biochemistry.** Winter, Spring. M. W. F., 9:30. Three two-hour laboratory periods. M. W. F., 3:30-5:30. Five hours credit. Maw or Johanson.

A study of the constitution and reactions of proteins, fats, carbohydrates, and allied compounds of biological significance. It deals also with enzyme action, digestion, absorption, metabolism, excretion, and nutrition.

- 79. Zymo-Chemistry.** Winter. Lectures, M. W. F., 10:30. Laboratory time to be arranged. Four hours credit. Bryner.

Chemistry of fermentation with special reference to the production of chemicals and industrial materials from agricultural products.

Prerequisites: Chemistry 71 and Bacteriology 21.

- 81, 82, 83. Physical Chemistry.** Autumn, Winter, Spring. M. W. F., 2:30. One three-hour laboratory period. T. Th., Spring; lectures M. W., 2:30. Two three-hour laboratory periods, T. Th., 1:30-4:30. Four hours credit each term. Bryner.

This course deals with properties of gases, liquids, solids, solutions, thermochemistry, reaction velocity, electrochemistry, equilibrium, and colloids. Prerequisites: Physics 43, Calculus, and Chemistry 11.

- 90, 91, 92. Seminar.** Autumn, Winter, Spring. M., 4:30. One hour credit each quarter. Staff.
Open to advanced undergraduates and required of seniors.
- 97. Special Problems.** Time and credit to be arranged. Registration by permission. Staff.

Graduate Courses

- 106. Studies in the History of Chemistry.** Spring. W. F., 1:30
Two hours credit. Maw.
- 151. Inorganic Chemistry.** Autumn. M. W. F., 10:30. Three hours credit. Nicholes.

A lecture course in advanced inorganic chemistry from the point of view of modern developments: periodic classification, coordination compounds, intermetallic compounds, the carbides, metallic carbonyls, nitrosyl compounds and organic derivatives of metals and metalloids.

- 152. Advanced Inorganic Chemistry.** Spring. M. W. F., 10:30
Three hours credit. Nicholes.

Studies of the modern conception of acids, bases, and salts, solutions in non-aqueous solvents, and the theories of solutions. (Not given this year.)

- 153. Colloid Chemistry.** Spring. T. Th., 8:30. Two or three hours credit. Peterson.

Preparation, properties, and applications of the chemistry of colloids.

- 163. Advanced Quantitative Analysis.** Autumn, Winter, or Spring.
Two to ten hours credit. Maw and Wing.

The analysis of typical minerals, includes silicates. Written reports.

- 166. Special Methods of Chemical Analysis.** Time to be arranged.
Two hours credit. Maw and Wing.

A. Water analysis, B. Electrolytic analysis, C. Assaying. Assays of gold, silver, copper, and lead ores. D. Iron and steel analysis. E. Food analysis. F. Agricultural analysis. G. Gas and fuel analysis.

Prerequisite: Chemistry 10, 11, or 62.

- 167. Micro-Chemical Analysis.** Winter and Spring. Time to be arranged. Three hours credit. Wing.

Training in the essential manipulative technique for qualitative and quantitative determinations by micro-chemical methods. Prerequisite: Consent of instructor. Registration limited.

171. **Qualitative Organic Analysis.** Autumn. Time to be arranged. One lecture or conference period. Two three-hour laboratory periods. Three hours credit. Maw or Johanson.
172. **Quantitative Organic Analysis.** Winter. Time to be arranged. Two three-hour laboratory periods. Two hours credit Wing.
173. **Organic Preparations.** Winter or Spring. Time to be arranged. Two or three hours credit. Maw or Johanson.
174. **Advanced Organic Chemistry.** Spring. Time to be arranged. Two hours credit. Johanson.
A lecture course in theoretical organic chemistry.
- 176, 177. **Biochemistry.** For description see Chem. 76 and 77. Johanson.
179. **Zymo-Chemistry.** Winter. Lectures, M. W. F., 10:30. Laboratory time to be arranged. Four hours credit. Bryner.
- 181, 182, 183. **Advanced Physical Chemistry.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Bryner.
The more important phases of physical chemistry from the standpoint of thermodynamics. Autumn quarter includes gases, solutions, solids. Winter: thermochemistry and phase rule. Spring: free energy and electrochemistry. Prerequisites: 81, 82, 83.
- 190, 191, 192. **Graduate Seminar.** Staff.
197. **Research. Special problems.** Time and credit to be arranged. Staff.
200. **Thesis.** Time and credit to be arranged

COMMERCE

ACCOUNTING AND BUSINESS ADMINISTRATION

Professors Hoyt, Clark, Eyring, Lambert; Assistant Professor Pond; Mr. Taylor, Mr. Gibb

Students majoring in this department are required to take courses 2, 35, 51, and 74.

Lower Division Courses

1. **Elementary Accounting.** Autumn and Winter. Daily. Autumn, Sec. 1., 10:30. Sec II, 1:30; Winter, 10:30; Daily laboratory for all Sections 1:30 and 2:30, one hour of which is required each day. Five hours credit. Taylor and Pond.

An introduction to college accounting. The aim of this course is two-fold: first, a preparation for those who plan to enter business at once, and second, as a foundation course for advanced work in accounting.

2. **Elementary Accounting.** Winter and Spring. Daily Winter, 1:30, Spring 10:30. Daily laboratory for all sections 1:30 and 2:30 one hour of which is required each day. Five hours credit. Taylor and Pond. Continuation of Course 1.
12. **Psychology Applied in Business.** Spring. M. W. F., 9:30. Three hours credit. Gibb. (See Psychology 12.)
35. **Mathematical Theory of Investment.** Winter, M. W. F., 2:30. Three hours credit. Eyring. (See Mathematics 35.)
36. **Graphical and Statistical Methods.** Spring, M. W. F., 2:30. Three hours credit. Eyring. (See Mathematics 36.)

Upper Division Courses

- 50, 51, 52. **Intermediate Accounting.** Autumn, Winter, Spring. M. -T. -W. Th., 10:30. Four hours credit each quarter. Clark.

Primarily corporation accounting with special emphasis on problems of depreciation, bases of revaluation, inventorying, etc. Open to students who have had Accounting 2, or the equivalent.

54. **Credits and Collections.** Autumn. M. W. F., 10:30. Three hours credit. Hoyt.

Principles covering the granting of credit, the control of the credit line, when and how collections are made, establishment of retail credit bureaus, contracts, installment selling plans.

55. **Principles of Risk-Bearing.** Spring. M. W. F., 8:30. Three hours credit. Boyle. (See Economics 55.)
62. **Business and Industrial Management.** Winter. M. W. F., 10:30. Three hours credit. Hoyt.

The organization and planning of business operations for the most effective control and execution.

63. **Personnel Management.** Winter. M. W. F., 10:30. Three hours credit.

Principles and technique involved in developing a modern personnel organization for protecting the welfare of employees and promoting effective labor management. Employees selection, training, promotion, and incentives are stressed.

53. Experiments in Business Psychology. Winter. Lecture. Th., 3:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit Poulson and Gibb. (See Psychology 53.)

74. Principles of Statistics. Winter, 2:30, M. W. F., Spring. 8:30, M. W. F. Three hours credit. Lambert, Hoyt.

Introduction to statistics. This course required of all majors in Economics, Finance and Banking, Accounting and Business Administration.

75. Business Statistics. Winter and Spring. M. W. F., 10:30 Three hours credit each quarter. Hoyt.

Fundamental methods of statistics in business and economic applications. Estimating future business; economic forecasting; fluctuations of business.

91. Cost Accounting. Autumn. M. T. W. F., 9:30. Four hours credit. Hoyt.

Introduction to methods and principles of cost finding. Specialized methods of handling materials, costs, labor costs and overhead expense. Prerequisites: Accounting and Business Administration, 50, 51, and 52.

92. Advanced Cost Accounting. Winter. M. T. W. F., 9:30. Four hours credit. Hoyt.

Industrial accounting. Practical work in cost determination. Analysis of uniform cost accounting systems of modern industries. Prerequisite: Accounting and Business Administration 91.

93. Income Tax Procedure. Spring. M. W. F., 9:30. Three hours credit. Hoyt.

Federal and State income tax regulations and procedure. This course is designed to qualify the student for practical income tax work. Prerequisite: Accounting and Business Administration, 50, 51, and 52.

94. Auditing Theory. Autumn. M. W. F., 2:30. Three hours credit. Hoyt.

Principles and methods of public accounting work. Rules of professional responsibility and conduct. Advanced interpretation of accounts and financial statements. Prerequisites. Accounting and Business Administration, 50, 51, and 52.

95. Auditing Practice. Winter. M. W. F., 2:30. Three hours credit. Hoyt.

Practical work in auditing. Technique of verification of accounts and financial statements. Audit working papers.

Prerequisite: Accounting and Business Administration 94.

- 96. Advanced Accounting Problems...** Spring. M. T. W. F., 2:30. Four hours credit. Hoyt.

C. P. A. and American Institute of Accountants problems. Prerequisites: Accounting and Business Administration 50, 51, 52. Courses recommended as preparation: Accounting and Business Administration 50, 51, 52, 92, 93, and 94; Finance and Banking 43, 44, 51 and 52.

- 99. Business Policy.** Spring, M. W. F., 8:30. Three hours credit. Hoyt.

This course summarizes into a unified whole all the work given in the field of business administration and emphasizes the business policies involved. Open only to seniors in business, or juniors by permission of instructor.

Graduate Courses

- 101. Cost Accounting.** (See Accounting and Business Administration 91.)
- 102. Advanced Cost Accounting.** (See Accounting and Business Administration 92.)
- 103. Income Tax Procedure.** (See Accounting and Business Administration 93.)
- 104. Auditing Theory.** (See Accounting and Business Administration 94.)
- 105. Auditing Practice.** (See Accounting and Business Administration 95.)
- 106. Advanced Accounting Problems...** (See Accounting and Business Administration) 96.
- 111, 112, 113. Research in Accounting.** Hours and credit to be
- 114, 115, 116. Research in Statistics.** Hours and credit to be arranged with instructor.
- 181, 182, 183. Seminar in Business Psychology.** One to three hours credit. (See Psychology 181, 182, 183.)

FINANCE AND BANKING

Professors Clark, Jensen, Miller, Lambert; Assistant Professor Pond.

Lower Division Courses

14. **Economic and Financial History of the United States.** Autumn and Spring. M. W. F., 1:30. Three hours credit. Miller.

The economic development of the United States through the colonial era and the period of the industrial revolution and westward movement, with emphasis upon economic integration and industrial organization.

57. **Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 57.)
58. **Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 58.)
59. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Political Science 59.)

Upper Division Courses

- 51, 52. **Business Finance.** Autumn, Winter M. T. W. Th., 9:30. Four hours credit each quarter. Clark.

Financial problems connected with the organization of corporations, underwriting and the sale of securities, management, expansion, and the reorganization of those that are not successful. Prerequisite: Economics 1 and 2.

53. **Money and Banking.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark.

A study of the principles of money and banking and the exemplifications of these principles in the monetary and banking history of the United States. Prerequisites: Economics 1 and 2.

54. **Investments.** Spring. M. T. W. Th., 9:30. Four hours credit. Clark.

A study of the various forms and methods of investment. Prerequisite: Finance and Banking 51. (Not given this year.)

67. **Public Finance and Taxation.** Winter. M. T. W. Th., 1:30. Four hours credit. Pond (See Economics 67.)

The science of public finance; the theory of public expenditure; public income and public debts; the preparation of the budget and financial administration.

Graduate Courses

101. Research in Business Finance. Winter, Spring. Two to five hours credit. Clark.

111. Public School Finance. Winter. Daily, 9:30. Five hours credit. Lambert.

The theory and practice of financing public education in the United States. The stress is placed upon revenue and distribution systems. A course in taxation should precede or parallel this course.

151, 152. Business Finance. Autumn, Winter. M. T. W. Th. 9:30. Four hours credit each quarter. Clark. (See Finance and Banking 51, 52.)

153. Money and Banking. Spring. M. T. W. Th., 9:30. Four hours credit. Clark.

A study of the principles of money and banking and the exemplifications of these principles in the monetary and banking history of the United States. (See Finance and Banking 53.)

167. Public Finance. Winter. T. Th., 1:30. Four hours credit. Pond. (See Economics 167.)

MARKETING

Professors Hoyt, Boyle; Assistant Professors Edgar M. Jensen, Coffman; Mr. Taylor, Mr. Smeath.

Students majoring in this department are required to take Economics 1, and Accounting 1. It is recommended that majors take Art 14 and 15, Psychology 12, Accounting 74, and Economics 94.

Lower Division Courses

6. Geography of Economic Products. Winter, Daily, 8:30. Five hours credit. See Geography 6.

14, 15, 16. Commercial Art. Autumn, Winter, Spring. T. Th., 1:30. One or two hours credit each quarter. Jensen. (See Art 14, 15, 16.)

32. Marketing Fruits and Vegetables. Winter M. W. F. 9:30. Three hours credit. Smeath.

Upper Division Courses

51. Economics of Consumption. Spring. M. W. F. 8:30. Three hours credit. Taylor.

This class deals with the consumption problem as it affects the economic organism as a unit. Standards of measurement in the field of consumption are discussed. The consumer's viewpoint is taken with the object of studying proposed solutions for his individual consumption problems.

54. **Credits and Collections.** Autumn. M. W. F., 10:30. Three hours credit. Hoyt. (See Accounting and Business Administration 54.)
57. **Principles of Marketing.** Autumn. M. W. F. 8:30. Three hours credit. Hoyt. Prerequisites: Economics 1 and 2.
58. **Principles of Merchandising.** Autumn. Daily, 9:30. Five hours credit. Boyle.

This course deals with the operation of the retail store, treating specifically store organization, lay-out, principles of salesmanship, and customer services. It is designed to meet the requirements of men and women who seek to familiarize themselves with procedures necessary to make a quick adjustment into the working routine of the retail store. It also precedes logically further study in the field of retailing.

59. **Advertising.** Spring. Daily. 9:30. Five hours credit. Taylor.
The part advertising plays in business. Principles of advertising, including layout, media, campaigns, etc. Psychology 12 recommended.
61. **Problems in Retail Store Control.** Winter. Daily. 9:30. Five hours credit. Taylor.

This course deals with merchandising problems as they confront the management of the retail store. Principles of mark-up, inventory methods, stock control, and merchandising plans are discussed in connection with actual case problems. Field trips are planned where working control systems are given critical examination.

62. **Textiles.** Spring. T. Th., 10:30. Two hours credit each quarter. (See Clothing and Textiles 62.)
63. **Sales Management.** Autumn. M. T. W. Th. 1:30. Four hours credit. Taylor.

A study of methods of selecting and training and paying salesmen. The technique of making market surveys and fitting a sales organization to the needs of the market most efficiently.

67. **Agricultural Marketing.** Winter. M. W. F. 8:30. Three hours credit. Hoyt.

An analysis of the problems of cooperative marketing

of agricultural products, from the standpoints respectively of farmers, middlemen, and consumers. Prerequisites, Economics 1, 2.

85. **Seminar in Marketing and Merchandising.** Spring. M. W. F., 2:30. Three hours credit. Taylor. (Open only to students who have had Marketing 58, and Accounting 74.)

A seminar in current problems in marketing. Students are required to develop at least one major study of a marketing problem.

Graduate Courses

157. **Research in Marketing.** Autumn. M. W. F., 8:30. Three hours credit. Hoyt.
- 158, 159. **Research in Merchandising and Advertising.** Winter, Spring. Daily, 9:30. Five hours credit. Taylor.
167. **Research in Agricultural Marketing.** Winter. M. W. F., 8:30. Three hours credit. Hoyt.
185. **Seminar in Marketing and Merchandising.** Spring. M. W. F., 2:30. Three hours credit. Taylor.
200. **Thesis.**

OFFICE PRACTICE

Mr. Croft, Miss Waspe, Mr. Sundwall.

Teaching Major. Students who desire to qualify for the teaching of shorthand and typewriting in high schools are required to complete thirty hours of work in the College of Commerce, fifteen of which must be upper division. The following courses are prescribed: Accounting 1, Economics 1, Office Practice 15, 16, 23, 24 or 54, 25 or 55, and 26.

Teaching Minor. Students minoring in Office Practice and desiring to take secondary training in shorthand and typewriting are required to complete the following courses: Accounting 1, Office Practice 15, 16, 23, 24 or 54, 25 or 55 and 26.

Lower Division Courses

11. **Elementary Shorthand.** Autumn. Daily, 8:30 and 10:30. Four hours credit. Waspe and Sundwall.

An introduction and drill on first half of theory of Gregg Shorthand. Students with previous training not permitted to take this course for credit.

12. **Elementary Shorthand.** Autumn. Daily, 8:30. Winter. Daily, 8:30 and 10:30. Four hours credit. Waspe and Sundwall.

A completion of the theory of Gregg Shorthand. Prerequisite: Office Practice 11, or equivalent.

13. **Elementary Shorthand Dictation.** Winter. Daily, 8:30. Spring. Daily, 8:30 and 10:30. Four hours credit. Waspe and Sundwall.

Application of theory in dictation. Prerequisite: Office Practice 12, or equivalent.

14. **Shorthand Theory Review and Speed Building.** Autumn. Daily, 9:30 and 1:30. Spring. Daily, 8:30. Three hours credit. Waspe and Sundwall.

Complete review of Gregg Shorthand theory with speed building practice intended to bring all students above the 80 words a minute level. Prerequisite: Office Practice 13, or equivalent.

15. **Shorthand Speed Building and Transcription.** Autumn, Winter. Daily, 9:30 and 1:30. Three hours credit. Waspe and Sundwall.

Speed building practice to 100 words a minute. Introduction of transcription. This course is for students who have had two years of high school training, Office Practice 14, or equivalent.

16. **Advanced Shorthand Transcription and Speed Building.** Winter, Spring. Daily, 9:30 and 1:30. Three hours credit. Waspe and Sundwall.

Study and application of transcription English. An intensive transcription practice. Advanced principles and phrases, with speed building to 120 words a minute. Prerequisite: Office Practice 15, or equivalent.

17. **Advanced Shorthand Speed Building and Reporting.** Spring. Daily, 9:30. Four hours credit. Sundwall.

Specialized vocational vocabularies and reporting shortcuts. Speed building above 120 words a minute. Prerequisite: Office Practice 16, or equivalent.

21. **Elementary Typewriting.** Autumn, Winter, Spring. Daily. Two hours credit. Croft.

Direct and Natural Typewriting. Students with previous training not permitted to take this course for credit.

22. **Elementary Typewriting.** Autumn, Winter, Spring. Daily. Two hours credit. Croft.

This course develops typing skill and provides practice in application for personal use. Prerequisite: Office Practice 21, or equivalent. (Students with more than one-half unit of high school credit not permitted to take this course for credit.)

23. **Typewriting Speed Building.** Autumn, Winter, Spring. Daily. Two hours credit. Croft.

This course provides practice in speed and accuracy. Prerequisite: Office Practice 22, or equivalent. (Students with more than one unit of high school credit not permitted to take this course for credit.)

24. **Mechanics of Business Letters and Forms.** Autumn, Winter, Spring. Daily, 9:30. Two hours credit. Croft.

Training in office typing techniques for those who desire to enter the business field. Prerequisite: Office Practice 23, or equivalent.

25. **Secretarial Training.** Winter, Spring. T. Th. 2:30 to 4:30, F. 3:30 to 4:30. Three hours credit. Waspe.

A finishing course for those who desire to qualify for stenographic and secretarial positions. Includes: Discussion of office personality problems; practice in letter writing; preparation of legal instruments, commercial forms, and telegrams; mimeograph work; telephone procedure; and filing. Prerequisite: Office Practice 16 and 24 or 54, or equivalent.

26. **Office Machines.** Autumn, Winter, Spring. M. T. W. Th., 1:30, 2:30, and 3:30. Croft.

Training in the operation of Burroughs, Comptometer, and Monroe calculators, including addition, subtraction, multiplication, and division. Practical problems are used in the practice work.

31. **Business English.** Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit. Waspe.

The substance and style of business English; clearness in sentences; correctness of diction; force in sentence structure, and diction; business forms and usages.

Upper Division Courses

52. **Advanced Shorthand Speed Building and Reporting.** Spring. Daily. 9:30. Four hours credit. Sundwall.

Same as Office Practice 17.

54. **Mechanics of Business Letters and Forms.** Autumn, Winter, Spring. Daily, 9:30. Two hours credit. Croft.

Same as Office Practice 24.

55. **Secretarial Training.** Winter, Spring. T. Th., 2:30 to 4:30, F., 3:30 to 4:30. Three hours credit. Waspe.

Same as Office Practice 25.

ECONOMICS

Professors Miller, Hoyt, Boyle, Lambert; Assistant Professor Coffman, Pond; Mr. Taylor

The following courses are required for a major in Economics. Economics 1, 2, 14, 74, 94.

Lower Division Courses

1. **Economics—Introduction and Principles.** Autumn, Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 10:30; Sec. 4, 1:30; Sec. 5, 2:30. Winter, two sections, 9:30, 1:30; Spring, one section, 8:30. Daily. Five hours credit each quarter. Miller, Pond, Boyle.
A general survey of industrial society; its structure, its institutions and operation. An historical background of the rise of modern capitalistic industry.
2. **Economics—Contemporary Economic Problems.** Winter Sec. 1, 8:30; Sec. 2, 9:30. Spring, Sec. 3, 9:30. Daily. Five hours credit each quarter. Miller, Pond.
A more advanced study of the underlying principles of economics. Includes an intensive study of several contemporary economics problems. Prerequisite: Course 1.
14. **Economic and Financial History of the United States.** Autumn. M. W. F., 1:30; Spring. M. W. F., 1:30. Three hours credit. Miller.

Economic development of the United States from colonial times to the present, with emphasis upon economic integration and industrial organization since the Civil War.

Upper Division Courses

51. **Economics of Consumption.** Winter. M. W. F., 10:30. Three hours credit. Taylor. (See Marketing 51.)
A study of those forces underlying and governing consumption. Prerequisites: Economics 1 and 2.
53. **Money and Banking.** Spring M. T. W. Th., 9:30. Four hours credit. Clark. (See Finance and Banking 53.)
55. **Principles of Risk-Bearing.** Winter. M. W. F., 8:30. Three hours credit. Boyle. (See Accounting and Business Administration 55.)
Life, health, accident, fire, property and liability insurance, and principles of risk-bearing as they apply to each classification of the insurance field. Prerequisites: Economics 1 and 2.

- 56 Transportation Problems.** Spring. M. T. W. Th., 2:30
Four-hours credit. Miller.

This course deals with the growth and development of railway transportation and the development of public regulation and railway legislation in the United States.

- 60. Social Legislation.** Spring. M. W. F., 9:30. Three hours credit. Miller.

The state in relation to labor and social conditions. An intensive study of the legal and economic aspects of modern social security programs and reforms. Foreign experiments in the field will also be studied.

- 61. Labor Problems.** Winter. M. W. F., 8:30. Three hours credit. Boyle.

This course deals with the wage system, domestic industry, the factory system, the rise and growth of labor organizations. Contemporary problems in industrial and company unions will be stressed.

- 67. Public Finance and Taxation.** Winter. M. T. W. Th., 1:30. Four hours credit. Pond. (See Finance and Banking 67.)

- 74. Principles of Statistics.** Winter. M. W. F., 2:30. Three hours credit each quarter. Lambert.

Introduction to statistics. This course required of all majors in Economics, Finance and Banking, Accounting and Business Administration.

- 75. International Economic Policies.** Winter. M. W. F., 2:30. Three hours credit. Miller.

A survey with particular reference to the United States, of the international aspects of the economic policies and activities of governments.

- 76. Social Control of Business.** Winter. M. W. F., 10:30. Three hours credit. Miller.

General survey of governmental activities affecting business. The course aims to develop an understanding of the economic basis for government regulation, and the probable limits and difficulties inherent in our existing economic system in extending such regulation. Prerequisites: Economics 1, 2.

- 94. Advanced Economics.** Autumn. Daily, 8:30. Five hours credit. Lambert.

Advanced course in economic theory with stress upon production principles and price theory. Prerequisites: Economics 1 and 2.

95. **Advanced Economics.** Winter. Daily, 8:30. Five hours credit. Lambert.

Continuation of Economics 94, with stress upon price theory and principles of distribution. Prerequisite: Economics 94.

99. **History of Economic Thought.** Spring. Daily, 1:30. Five hours credit. Pond.

The development of economic thought from early times to the present. A brief survey up to about 1750, but chief emphasis will be given to Smith, Ricardo, Malthus and Mill.

Graduate Courses

156. **Transportation Problems.** Spring. M. T. W. Th., 1:30. Four hours credit. Miller.

160. **Social Legislation.** Spring. M. W. F., 9:30. Three hours credit. Miller. (See Sociology 191.)

161. **Labor Problems.** Winter. M. W. F., 8:30. Three hours credit. Boyle.

167. **Public Finance.** Winter. M. T. W. Th., 1:30. Four hours credit. Pond. (See Finance and Banking 167.)

175. **International Economic Problems and Policies.** Winter. M. W. F., 2:30. Three hours credit. Miller.

194. **Advanced Economics.** Autumn. Daily, 8:30. Five hours credit. Lambert.

Advanced course in economic theory with application to present day economic problems. Prerequisites: Economics 1 and 2.

195. **Advanced Economics.** Winter. Daily, 8:30. Five hours credit. Lambert.

Advanced course. Prerequisites: Economics 1, 2 and 94.

197. **Research.** Time and credit to be arranged. Staff.

199. **History of Economic Thought.** Spring. Daily, 1:30. Five hours credit. Pond.

200. **Thesis.**

AGRICULTURAL ECONOMICS

Assistant Professor Pond.

The following courses are required for a major in Agricultural Economics: Economics 1, 2, 74, and 94; Agricultural Economics 30, 60, 67, 81 and 82. Credit for Economics 74 and 94 will apply toward a major in Agricultural Economics.

Lower Division Courses

30. **Principles of Agricultural Economics.** Autumn. M. W. F., 8:30. Three hours credit. Pond. Prerequisites: Economics 1 and 2.
32. **Marketing Fruits and Vegetables.** Spring. M. W. F., 8:30. Three hours credit. Shaw. (See Horticulture 32).

Upper Division Courses

53. **Rural Sociology.** Spring. M. W. F., 10:30. Three hours credit. (See Sociology 53.)
- A survey of social conditions in the rural life of America, with special reference to those social processes which are in operation at the present time.
54. **Conservation and Land Utilization.** Spring. Three hours credit. Coffman. (See Geography 54.)
57. **Principles of Marketing.** Autumn M. W. F., 9:30 Three hours credit. Hoyt. (See Marketing 57.)
60. **Farm Management.** Winter. M. W. F., 1:30. Three hours credit. Ivins. See Agronomy 60.
67. **Agricultural Marketing.** Winter. M. W. F., 8:30. Three hours credit. Hoyt. (See Marketing 67).
81. **Land Economics.** Winter. M. W. F., 8:30. Three hours credit. Pond.

Principles relating to the utilization, tenure, and conservation of land resources. Prerequisite: Agricultural Economics 30.

82. **Agricultural Finance.** Spring. M. W. F., 10:30. Three hours credit. Taylor.

A study of agricultural credit, with special reference to existing financial organizations and their relation to agriculture. Prerequisite: Agricultural Economics 30.

91. **Western Land Problems.** Spring. M. W. F., 8:30. Three hours credit. Pond.

A survey of the outstanding land problems of the Western States, particularly those of the Rocky Mountain division. Special Class reports by students will be required.

92. **American Agricultural Reform.** Spring. M. W. F., 8:30. Three hours credit. Pond. (Not given this year.)

A review of the agrarian movements for economic and social reform in America, including recent and current programs for farm relief.

93. **Economic History of Agriculture.** Spring. M. W. F., 9:30. Three hours credit. Taylor. (See Agronomy 94.) (Not given this year.)

The development of agriculture from its beginning in the Old World to the present time. Historical background of contemporary agricultural problems.

Graduate Courses

181. **Land Economics.** Winter. M. W. F., 8:30. Three hours credit. Pond
182. **Agricultural Finance.** Spring. M. W. F., 10:30. Three hours credit. Taylor.
191. **Western Land Problems.** Spring. M. W. F., 8:30. Three hours credit. Pond.
192. **American Agricultural Reform.** Spring. M. W. F., 8:30. Three hours credit. (Not given this year.)
200. **Thesis.**

EDUCATION

Professors A. N. Merrill, Lambert, W. H. Boyle, H. Peterson, Lloyd; Associate Professors Sudweeks, Law, R. Swensen, Woolf; Assistant Professors Dusenberry, E. M. Jenson, Hollingshead, Maeser, Kotter; Mr. Gibb, Mr. T. Peterson and Training School Faculties.

With the approval of the major professor, credit in courses in any of the educational departments may be offered to fill major requirements. General Education 50 is the required first course in all departments in the College of Education.

General Education

The courses in this division are designed for all students majoring in the other departments of the College of Education and for those who may be registered in the other colleges of the university, but who desire to qualify for a state teaching certificate. A liberal offering from this division is a prerequisite to the courses listed in the graduate division of the college.

50. **Principles of Education.** Autumn, Winter or Spring. M. W. F., 10:30 and 2:30. Three hours credit. Boyle and Sudweeks.

An introductory course in education for high school and grade teachers. The principal topics covered are: the teacher, the teaching and learning processes, organization and administration, recent developments in education, and philosophy of education. This course is a required first course in all departments in education.

51. **Educational Psychology.** Autumn, Winter or Spring. Section 1, M. W. F., 9:30; Section 2, M. W. F., 10:30. Three hours credit each quarter. Dusenberry.

This course deals with economy and technique of learning, individual differences, mental efficiency, native equipment, habit formation, emotions, and reasoning, and other applications of psychology in teaching and daily life.

52. **First Course in Statistical Methods.** Winter. M. W. F., 2:30. Three hours credit. Lambert.

Measures of central tendency, dispersion, and simple correlation. For students in education, psychology, biology, business, economics, and social sciences. Assumes reasonable competency in algebra. Any training in mathematics, including differential calculus will be an advantage to the student.

53. **First Course in General School Organization and Administration.** Autumn, Winter, M. W. F., Sec. 1, 9:30. Sec. 2, 10:30. Three hours credit. Boyle, Lambert.

Considers the general way in which state and local schools units are organized to conduct public education. Considers functions and powers of state departments, local school boards, and administrative officers. Stresses the way in which teachers adjust to the administrative system, and shows how teachers are affected by contracts, salaries, ratings, leaves, transfers, promotions, etc. Shows the opportunities for teachers to contribute to good school administration. Required of all elementary and secondary school teachers. Meets Utah state requirements for a course in school organization.

64. **Achievement Testing.** Autumn, Winter or Spring. M. W. F., 8:30. Three hours credit. Sudweeks and Law.

For high school and elementary school teachers, satisfying state requirements for certification. Considers standard tests, old-type tests, and new-type tests. Training in giving tests, scoring, tabulating and interpreting results, and planning remedial measures.

74. **Advanced Educational Psychology.** Winter. M. W. Th. F., 10:30. Spring. M. W. Th. F., 9:30. Four hours credit. Gibb.

A brief consideration of certain important phases of the psychology of secondary education. The laws of economical learning, individual differences, and the psychology of school subjects. Prerequisite: Psychology 11.

75. **Visual Instruction.** Winter T. Th., Two hours credit. T. Peterson.

An introductory course familiarizing the students with the general types of visual aids, and includes a study of general principles, projection equipment and new developments in visual aids.

EDUCATIONAL ADMINISTRATION

Professor Lambert

87. **Old and New Type Examinations.** Spring. M. W. F., 8:30. Three hours credit. Sudweeks.

An essay type examination, its improvement and its uses. The new-type, uses, forms and reliability.

93. **The Organization and Administration of Public Schools.** Autumn. Daily, 8:30. Five hours credit. Lambert.

This course considers the ways in which public schools are controlled and the ways in which states, cities, counties and local districts are organized for the conduct of public education. This is a foundational course for all students in education. It is required of all students who major in the field of administration.

85. **Educational Supervision.** Spring. M. T. W. Th., 2:30. Four hours credit. Jensen.

The evaluation and the improvement of teaching. Offered for students who have foundational work in psychology, in educational psychology, in school organization, and in class-room procedure and theory.

ELEMENTARY EDUCATION

Associate Professor Law

A major in Elementary Education (30 to 45 quarter hrs.) should include General Education 50, Educational Psychology 51 or 74, General Education 53, Elem. Education 81, 82, and 84. Either Elementary Education 91 or General Education 64 as a recommended elective should also be included if possible. Other electives for the major may be selected from the various departments in education and psychology.

Majors in Elementary Education should, with the approval of the major professor, select a minor which is applicable to elementary school teaching.

A special group of 30 hours must include three hours in arts and crafts for the elementary school, (Art 41), three hours in Elementary School Music, (Theory of music 90), three hours in Speech, 3 hours in Health Education for Teachers (Zoology 58 or Phys. Educ. 58), four hours in Juvenile Literature, two hours in play, games, and rhythms for elementary school children (Phys. Educ. 60), and a course in Library. A course in child nutrition is recommended as a part of this group for all majors in Elementary Education. Landscape Architecture 21 is also recommended for elementary teachers. The remaining work in this group is to be selected with the approval of the head of the department of Elementary Education, selection to be made with a view to strengthening and broadening the academic and cultural background needed by the teacher in the elementary school.

The group requirements for the degree of Bachelor of Science or Bachelor of Arts are listed elsewhere in the catalogue. In filling these group requirements, the student should be guided by the following: The Biological Science group should include a course in Bacteriology, Botany, or Zoology, a course in Heredity and Eugenics (Zoology 18 or its equivalent), and a course in Nature Study for Elementary Teachers (Botany 5 or Zoology 77). The Physical Science group should include a course in Earth Science and a course in Human Geography (Geog. 52 or its equivalent). The Social Science group should include courses in Sociology or Economics and in Western History (History 82 or its equivalent). The freshmen and sophomore years should be largely devoted to building up a broad and rich academic background, leaving the professional work in Education for the junior and senior years.

Candidates for the Normal diploma, based on only three years or 135 hours of college work, are expected to complete the major requirements listed above, the specific courses making up the first nineteen credit hours of the thirty hour special group, and the group requirements as listed for the degree except that the total required for each group may be reduced to the following: Physical Education 3 hours, English 14 hours, Biological Science 10 hours, Physical Science 10 hours, and Social Science 10 hours.

Upper Division Courses

65. **Myths of the World.** Autumn. T. Th., 7:30. Two hours credit. Dusenberry.

The major topics to be considered in this course are present and past customs, superstitions, folk lore, and mythological beliefs of the people of Egypt and India.

66. **Myths of the World.** Winter. T. Th., 7:30. Two hours credit. Dusenberry.

A continuation of 65. Topics of discussion: India and China.

67. **Myths of the World.** Spring. T. Th., 7:30. Two hours credit. Dusenberry.

A continuation of 66. Topics of discussion: Japan, Islands of Bali, Borneo, and the Philippines.

69. **Juvenile Literature.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit. Dusenberry.

Story Telling. A study from the literary and educational points of view of the best literature available for children.

69. **Juvenile Literature.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit. Dusenberry.

A study of literature to give a basis of selection, appreciation and presentation of the best and most suitable material for the elementary school.

81. **Elementary Curriculum and Methods.** Autumn. Daily. 10:30. Five hours credit. Peterson and Law.

This course deals with the curriculum and the materials of the elementary school together with methods in elementary education. It must be taken before or parallel with Elementary Education 84. Required for certification. Prerequisites: Fifteen hours of selected work in education.

82. **Elementary Curriculum and Methods.** Winter. Daily. 10:30. Five hours credit. Peterson and Law.

This is a continuation of Elementary Education 81. It should be taken parallel with Elementary Education 84. Required for certification. Prerequisite: Elementary Education 81.

83. **Elementary Curriculum and Methods.** Spring. M. W. F., 10:30. Three hours credit. Peterson and Law. Limited to seniors only.

This course is designed especially for secondary teachers who wish to get some training on the elementary school

level. Secondary teachers who qualify also for elementary teaching certificates are required to complete this course. Prerequisites: Fifteen hours in education.

- 84. Elementary and Kindergarten Training.** Autumn, Winter and Spring. Daily from 8:30 to 10:30 or 1:30 to 3:30. Ten hours credit. 5 hours each quarter. Law, Peterson and staff.

This is essentially a laboratory course affording opportunity for practice teachers to apply the principles of teaching developed in Elementary Education 81 and 82. Prerequisites: Fifteen hours of selected educational work, including Education 50, and 53 and Psychology 51 or 74 and passing of subject matter tests administered by the College of Education. Elementary Education 81 and 82 should precede or parallel this course.

Application for elementary practice teaching must be made to the head of this department at least three months prior to registering for this course. Registration is contingent upon the granting of the application by a committee in the department which has been appointed for the purpose.

- 85. Educational Supervision.** Winter. M. T. W. Th., 2:30. Four hours credit. Jenson.

The evaluation and the improvement of teaching. Offered for students who have foundational work in psychology, in educational psychology, in school organization, and in class-room procedure and theory.

- 92. Early Childhood Education.** Spring. M. W. F., 9:30. Three hours credit. Peterson.

Problems of early elementary education will be considered. A study of the activities, subject matter and concrete materials which should form the basis of the work with young children. Class room observation required.

PHILOSOPHY OF EDUCATION

Professor Lloyd

Upper Division Courses

- 71. History of Educational Thought.** Autumn. M. W. F., 10:30. Three hours credit. Lloyd.

A critical study of the contributions of the outstanding educational thinkers from the early Greeks to the present, and an evaluation of the various philosophies. Special emphasis will be given to the writings of twelve significant educators from Plato to Dewey.

72. **History of Education in America.** Winter. M. W. F., 10:30. Three hours credit. Lloyd.

The rise and development of the American educational system as it has been effected by changes in American life from the colonial period to the present times.

73. **Education in the Social Order.** Spring. M. T. W. Th., 10:30. Three hours credit. Lloyd. (Not given this year.)

The school as a social institution, with special emphasis upon its relation to social, economic, and political change. The effect of these changes upon educational practice, and philosophy of education.

74. **Rural Sociology.** (See Sociology 53) .

81. **History of Philosophy.** Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit. R. Swensen.

A history of the rise and development of philosophy in the Greek, Graeco-Roman, medieval, renaissance, eighteenth century, and modern periods. Stress is laid upon an appreciation of the outstanding philosophers of the various schools of thought and their relation to the intellectual trends and problems of the present.

84. **Educational Sociology.** (See Sociology 61). Swenson.

87. **Methods in Character Education.** Autumn. T. W. Th. F., 1:30. Four hours credit. Lloyd.

A study of various methods and techniques in character education that are now in use in the United States and an evaluation of the educational philosophy upon which each of these rests. Special attention will be given to the newer trends in this field.

88. **Special Problems in the Development of Personality.** Winter. M. T. W. Th., 2:30. Four hours credit. Lloyd.

A consideration of the problems and special interests of college students as these interests affect the development of character and personality. This course is largely devoted to the method of "creative experience" as a device for character building.

89. **Human Nature and Character.** Spring. M. W. F., 1:30. Three hours credit. Lloyd (Not given this year).

The various factors that are important to an understanding of human nature. Special stress will be given to the nature of the moral life and its dependence upon mental health and wholesome social interaction.

90. **Social Ethics.** Spring. M. T. W. Th., 8:30. Four hours credit. Lloyd.

This course deals with ethical theory as applied to our industrial and social problems; the breakdown of Puritan ethics; individualism, Christian ethics, International good will and world peace.

93. **Philosophy of Education.** Winter. M. W. F. 10:30. Three hours credit. Lloyd.

This course is designed primarily to assist senior students in the achievement of a basic philosophy of education, growing out of the intergrated experiences of university life. Special attention will be given to the American tradition in education, the qualities of an educated individual, and the roll of the college graduate in the modern social order.

SECONDARY EDUCATION

Professor Merrill

81. **Methods and Curriculum.** Autumn, Winter, and Spring. M. T. W. Th., Four hours credit. Woolf.

This course emphasizes general methods applicable to the teaching of high school subjects. Illustrative materials will be drawn from the subject matter taught in the various curricula administered on the high school level. It should be taken by advanced juniors or seniors.

84. **Secondary Teaching.** Autumn, Winter, and Spring. Demonstration and consultation, T. Th., 3:30. Practice periods to be arranged. Eight hours credit, four hours in each of two quarters. Woolf, Merrill, Boyle, Jenson, and Secondary Training School Faculty.

This is a course in practice teaching under supervision. Approximately two quarters of participation and responsible class room teaching will be required. Instruction in special methods for teaching specific subject matter will be given by the critic teacher. Prerequisites: Fifteen hours of selected educational work including general education 50 and 53 and Educational Psychology, at least three-fourths of the teaching major, and the consent of the instructor concerned. Application for this course must be made at least three months prior to the date of beginning practice teaching and, preferably, not later than the end of the second quarter of the junior year. Practice teaching periods to be arranged.

- 87. Old and New Type Examinations.** Winter. M. W. F. Three hours credit. Sudweeks.

An essay type examination, its improvement and uses. The new type, uses, forms and reliability.

- 89. Juvenile Sociology.** Spring. T. Th., 9:30. Two hours credit. Boyle.

This course deals with the educational problems of the adolescent, as related to the home, the school, industry, the community, and his own group. (See Sociology 71.)

- 91. The High School Curriculum.** Winter M. T. W. Th., 9:30. Four hours credit. Merrill.

The principles governing the organization of the high school curriculum. The evaluation of objectives of the course of study, and of the activity phase of the present high school curriculum.

- 94. Educational and Vocational Guidance.** Autumn and Spring. M. T. W. Th., 9:30. Four hours credit. Merrill.

A consideration of the principles of educational and vocational guidance and early vocational experience as factors in determining the choice of an occupation; and the modification of the high school curriculum to facilitate vocational choice.

- 95. The Senior High School.** Spring. M. T. W. Th., 9:30. Four hours credit. Merrill. (Not given this year.)

This course deals with the problems of the senior high school, especially those concerned with the justification and the modification of the present curriculum.

GRADUATE WORK IN EDUCATION

A liberal offering from courses in General Education or equivalent is a prerequisite to graduate courses in Education.

Credit in course 118, Research and Thesis Writing, is required of all candidates for the Master's degree in Education.

Students who plan to complete the requirements for the Master's degree in education should choose a major professor or adviser from the members of the staff who are responsible for graduate work. The major professor will choose two other members from the University faculty who will form the student's thesis committee. This adviser will have the chief responsibility of directing the preparation of the thesis. Students are encouraged to project a graduate program around some field of concentration or emphasis.

The graduate major will ordinarily be chosen from the courses here listed, but work in other departments of the university may be taken where the student's program appears to need such preparatory or supporting courses. The exact allotment of time within the program and the exact amount of time necessary to complete requirements will be determined for the student in the light of his undergraduate work in education and the field he chooses for graduate study.

- 101-110. Independent Readings in Organization, Administration and Supervision.** Any quarter. Maximum of two hours credit for any one student in any one quarter. Lambert.

Properly qualified students may read in fields which courses are not offered and in fields beyond those covered in the regular courses. The reading is planned to meet the needs of the student's graduate program. Registration by consent of the instructor.

- 111. Public School Finance. I.** Winter. Daily, 9:30. Five hours credit. Lambert. (Not given this year).

The theory and practice of financing public education in the American states. Emphasis in this course is put upon revenue systems. An enlarged reading program is part of the course. Educational administration 73 or its equivalent is a prerequisite. A course in taxation should precede or parallel this course.

- 112. Public School Finance, II.** Winter. Daily, 9:30. Five hours credit. Lambert.

The business management of school systems. Expenditures, costs, purchases, accounting, and the school budget. Educational administration 73 or its equivalent is a prerequisite. Given each alternate year.

- 113. Personnel Problems.** Winter. M. T. W. Th., 2:30. Four hours credit. Lambert. (Not given this year.)

Problems of the teaching staff; training, selection, assignment, promotion, retirement. Contract, tenure, salaries. Given each alternate year. Educational Administration 73 is a prerequisite.

- 114. The Work of the School Principal.** Spring. M. T. W. Th., 10:30. Four hours credit. Lambert. (Not given this year.)

The work of the school principal and the supervisor. Educational Administration 73 and work in educational psychology and teaching methods are prerequisites. Given each alternate year.

- 116. Planning School Building and Transportation Programs.** Spring. M. T. W. Th., 9:30. Four hours credit. Lambert.

How to project a school building program and to finance it. How to integrate the curriculum, the school organization, the buildings, and the school transportation system. Management and care of school plants. Educational Administration 73 or its equivalent is a prerequisite.

- 118. Introduction to Research and Thesis Writing.** Autumn. M. W. F., 2:30. Three hours credit. Lambert.

Two lectures each week with individual conferences and readings. A course in the principles of scientific investigation and the acceptable procedures of research. Specific assistance in the preparation of the master's thesis. Given for all the graduate students in the university. Required of all candidates for the master's degree in the College of Education.

- 122. Problems in Part-Time Education.** Spring. T. Th., 2:30. Two hours credit. Merrill.

This course deals with the methods and the problems of part-time education; the character of the population to be educated, methods of teaching in part-time classes, job analysis, and course organization.

- 130-135. Independent Readings in Elementary Education.** Any quarter. Maximum of two hours credit in any one quarter. Law.

Qualified students may read in fields not adequately covered in their course work and make an organized report of the information gained. This reading should be planned to meet the needs of the students graduate program. Registration by consent of instructor.

- 147. Research in Secondary Education.** Any quarter. Merrill.

Two or three hours credit is allowed for the completion of an acceptable paper that embodies the results of independent research upon some problem in secondary education. Registration by consent of the instructor.

- 150. Seminar in Education.** Any quarter. Time arranged. Merrill, Lambert, Lloyd, Law.

A seminar in educational research is organized any quarter for five or more graduate students. It provides an opportunity for qualified workers to extend their studies of educational problems and for graduate students to secure aid in pursuing and reporting their investigations.

- 154. Educational Tests and Measurements.** Spring. M. W. F. 8:30. Three hours credit. Law.

A study of objective and standardized testing. Students in this course will undertake an actual program of testing, scoring, tabulating, interpreting results, and planning remedial instruction with the use of the Training School as a laboratory.

- 157-159. Research in Elementary Education.** Any quarter. Two hours credit. Law.

Qualified students may pursue research in the field of elementary education and may receive credit upon the satisfactory completion of a paper embodying the results of such research. Registration by consent of the instructor.

- 164. Achievement Testing.** Autumn or Spring. M. W. F., 8:30. Three hours credit. Sudweeks.

A course in the use of tests of achievement and intelligence. Standard tests, old-type, and new-type. Training in selecting, giving, scoring, and interpreting tests and in planning remedial measures.

- 171. History of Educational Thought.** Autumn. M. W. F., 10:30. Three hours credit. Lloyd.

- 172. History of Education in America.** Winter. M. W. F., 10:30. Three hours credit. Lloyd.

- 173. Education in the Social Order.** Spring. M. W. F., 10:30. Three hours credit. Lloyd. (Not given this year.)

- 174. Advanced Educational Psychology.** Winter. M. W. Th. F., 10:30; Spring. M. W. Th. F., 9:30. Four hours credit. Gibb. Prerequisite: Psychology 11. (See Psychology 174).

- 175. Psychological Tests.** Autumn. M. W. F., 9:30. Three hours credit. Gibb. Prerequisite: Psychology 11. (See Psychology 175.)

- 181. History of Philosophy.** Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit. R. Swensen.

- 182. Elementary School Curriculum and Methods.** Winter. Daily. 10:30. Five hours credit. Law.

This course deals with the curriculum and the materials of the elementary school together with methods in elementary education. Elementary Education 81 or its equivalent is a prerequisite.

- 183. Recent Trends in Elementary Education.** Spring. M. W. F., 10:30. Three hours credit. Law.

A study of modern practice and theory in the field of elementary school teaching. Prerequisite: 20 hours in education.

184-85. Research in Philosophy of Education. Any Quarter. Lloyd. A maximum of two hours credit for research and reports in the Philosophy of Education. Reading may cover materials in which regular courses are not offered. Registration by consent of the instructor.

187. Methods in Character Education. Autumn. 9:30. Four hours credit. Lloyd.

A study of various methods and techniques in character education that are now in use in the United States, and an evaluation of the educational philosophy upon which each of these rests. Special attention will be given to the newer trends in this field.

188. Special Problems in the Development of Personality. Winter. M. T. W. Th., 2:30. Four hours credit. Lloyd.

189. Juvenile Sociology. Spring. Two hours credit. Boyle. (See Sociology 171.)

190. Social Ethics. Spring. M. T. W. Th., 8:30. Four hours credit.

This course deals with the ethical theory as applied to our industrial and social problems; the breakdown of puritan ethics; individualism, Christian ethics, international goodwill and world peace.

191. Secondary School Curricula. Winter. 9:30. Four hours credit. Merrill.

The theory of high school curricula. Particular attention is given also to an evaluation of the subject matter and student activities now required of students in the high schools of Utah.

192. Early Childhood Education. Spring. M. W. F., 9:30. Three hours credit. H. Peterson.

Problems of early elementary education will be considered. A study of the activities, subject matter and concrete materials which should form the basis of the work with young children. Class room observation required.

193. Philosophy of Education. Winter. M. W. F. 10:30. Three hours credit. Lloyd.

194. Educational and Vocational Guidance. Autumn or Spring. M. T. W. Th., 9:30. Four hours credit. Merrill.

A consideration of the principles of educational and vocational guidance and early vocational experience as factors in determining the choice of an occupation; modification of the high school curriculum to facilitate the vocational choice.

195. **The Senior High School.** Spring. M. T. W. Th. Time to be arranged. Four hours credit. Merrill.

This course deals with the problems of the senior high school, especially those concerned with modifications of present practices.

196. **Supervision of Elementary Education.** Spring. T. Th. 9:30. Two hours credit. H. Peterson.

A study of the problems involved in elementary school supervision in the light of present day practice and theory in this field.

200. **The Master's Thesis in Education.** Each quarter. Merrill, Lambert, Sudweeks, Lloyd, Law.

Credit of four to six hours is given upon the completion of an acceptable thesis that embodies the results of independent research upon a significant problem in some field of concentration. Students should read the section of the catalogue that contains the requirement of the graduate school. Credit in Education 118 is prerequisite.

ENGLISH

Professors Christensen, J. M. Jensen; Associate Professors Rowe, Young; Assistant Professors Carroll, Black, Tracy; Mr. Britsch, Mrs. Tanner, Mrs. Rich.

Scope of Instruction

The English department offers courses in English language, English literature, American literature, and general and comparative literature. For convenience the courses in general and comparative literature are brought together.

Requirements for the Degree of Bachelor of Arts

Students who elect their major in English are required to complete thirty-six hours of work in English in addition to courses 1, 2, 3. The following program of study in English is prescribed: 15, 16, 71, 72, 73, 74, 75 (five required, with 15 and 16 considered as equal to one); courses 80, 83, 84, 85, 86, 87, 88, 89, (two required); 81, 95, 97 (one required); courses 12 and 82.

Students may, however, make substitutions as follows: courses 60 for 72; 90 for 74; 91 for 75; 24 for 82; Journalism 51 or 53 or 57 for 12

Twenty-four hours in one or more foreign languages are required. The following courses in other departments are recommended: History 10, 11, and 12; Psychology 11; and Phonetics 42.

Courses 20, 21, and 22 are not open to students who elect their major in English. For students who minor in English and who intend to teach the subject, the department recommends a substantial program of study selected from the following: 11, 12, 15, 16, 17, 18, 19, 71, 72, 73, 74, 75, 82 or 24, 97.

Students making English a minor and desiring the recommendation of the department to take secondary training in English must show satisfactory credit in courses 11 and 12 or in their equivalent.

The "Teaching Major" in English

The requirements for the "teaching major" in English and for the regular major are the same except that the foreign language requirements may be reduced or waived by the department to meet the special needs of some prospective teachers. Such reductions or waivers would necessitate, of course, the substitution of the Bachelor of Science degree for the degree of Bachelor of Arts.

Requirements for the Degree of Master of Arts

Candidates for the Degree of Master of Arts in English must have met the requirements for the Degree of Bachelor of Arts or their equivalent. They must offer upper division or graduate credit in Old English, Chaucer, Shakespeare, and History of the English Language; they must have, exclusive of thesis credits, at least twenty hours of graduate credit in English; they must write a satisfactory thesis, and pass a comprehensive oral examination in the field of English language and literature.

Placement Tests for Freshman English

In Freshman English consideration is given to the individual needs of students. To determine these needs all freshmen are required to take a placement test at the time of registration. Assignments to classes are made after this test.

Lower Division Courses

- a. **English Grammar and Composition.** Autumn, Winter. M. W. F., 3:30. No credit.
An elementary course required of freshmen who make an unsatisfactory grade in the English placement test.
1. **Composition and Literature.** Autumn. M. W. F., Classes available at 8:30, 9:30, 10:30, 1:30, and 2:30. Three hours credit.
Review of grammar, study of the principles of composition, theme writing, and reading in literature.
2. **Composition and Literature.** Winter, Sections and time the same as in course 1. Three hours credit.
Continuation of course 1.
3. **Composition and Literature.** Spring. Sections and time the same as in courses 1 and 2. Three hours credit.
Continuation of course 2.
4. **Business English.** Autumn, Winter, Spring, M. W. F., 9:30. Three hours credit. Waspe.
The substance and style of business English; correctness of diction; business forms and usages.
11. **Advanced English Grammar.** Autumn and Spring. M. T. W. Th., 1:30. Four hours credit. Young.
Prerequisites: English 1, 2, and 3.
12. **Advanced Rhetoric and Composition.** Autumn, Spring. M. W. F., 2:30. Three hours credit. Christensen.
Long themes, lectures, conferences, and required reading. Prerequisites: English 1, 2, and 3.
14. **Classic Myths.** Autumn. T. Th., 8:30. Two hours credit. Carroll.
A study of Greek, Roman, and Teutonic myths with special reference to their literary uses.
15. **Early American Writers.** Autumn. T. Th., 1:30. Two hours credit. Tracy.
A survey of American literature from Captain John Smith to about 1865.
16. **Later American Writers.** Winter. T. Th., 1:30. Two hours credit. Tracy.
A survey of American literature from about 1865 to the present century.
17. **Contemporary American Poets.** Autumn. T. Th., 2:30. Two hours credit. Black.
A study of the principal American poets.

18. **Contemporary American Short Story Writers.** Winter. T. Th., 2:30. Two hours credit. Black.
A study of the principal American short story writers.
19. **Contemporary American Novelists.** Spring. T. Th., 2:30. Two hours credit. Black.
A study of the principal American novelists.
20. **Masterpieces of English Literature.** Autumn. T. Th., Sec. 1, 9:30, Tanner, Sec. 2, 10:30, Carroll. Two hours credit.
A study of the principal English masterpieces.
21. **Masterpieces of English Literature.** Winter. T. Th. Sec. 1, 9:30, Tanner; Sec. 2, 10:30, Carroll. Two hours credit.
A continuation of course 20.
22. **Masterpieces of English Literature.** Spring. T. Th. Sec. 1, 9:30, Tanner; Sec. 2, 10:30, Carroll. Two hours credit.
A continuation of course 21.
24. **Shakespeare.** Autumn. M. T. W. Th., 2:30. Four hours credit. Young.
A comprehensive study of Shakespeare's poems and plays.
25. **Emerson.** Spring. T. Th., 1:30. Two hours credit. Tracy.
A study of the author's poetry and prose.
29. **An Introduction to Literature.** Winter. M. W. F., 10:30. Three hours credit. Christensen.
An introductory course in the study and appreciation of literature—poetry and prose.
See General and Comparative Literature, for courses 26, 27, 28, 61, 62, 63, 65, 66, 67, 68, 69.

Upper Division Courses

52. **Argument and Debate.** Autumn. M. W. F., 9:30. Three hours credit. Rowe. (See Speech 52.) (Not given this year.)
A study of the principles of argument followed by a series of debates on current questions. Prerequisites: English 1, 2, and 3.
53. **Romantic Prose.** Autumn. T. Th., 10:30. Two hours credit. Rowe.
A study of the principal prose writings of the Romantic Movement.
54. **Contemporary British Literature.** Autumn. M. W. F., 9:30. Three hours credit. Rowe.
58. **The New Biography.** Spring. T. Th., 8:30. Two hours credit. Jensen.
A study of the best recent biographies.

60. **English Drama to 1642.** Spring. M. T. W. Th., 2:30. Four hours credit. Young.

The beginning and development of English drama, not including Shakespeare, to the closing of the theatre.

64. **Restoration Drama.** Autumn. M. W. F. 2:30. Three hours credit. Jensen.
71. **Medieval Literature.** Autumn. M. T. W. Th., 9:30. Four hours credit. Christensen.

72. **English Literature from 1500-1660.** Winter. M. T. W. Th., 2:30. Four hours credit. Young.

73. **English Literature from 1660-1780.** Spring. M. T. W. Th., 2:30. Four hours credit. Jensen.

74. **English Literature from 1780-1832.** Winter. M. T. W. Th., 10:30. Four hours credit. Rowe.

75. **English Literature from 1832-1900.** Spring. M. T. W. Th., 8:30. Four hours credit. Carroll.

80. **Alexander Pope.** M. W. F. Three hours credit. Jensen. (Not given this year.)

81. **Chaucer.** Winter. M. T. W. Th., 8:30. Four hours credit. Christensen.

82. **Shakespeare.** Spring. M. T. W. Th., 9:30. Four hours credit. Christensen.

An intensive and critical study of the principal plays.

83. **Milton.** Winter. M. W. F., 9:30. Three hours credit. Christensen.

A study of the author's poetry and prose.

84. **Wordsworth.** Spring. M. W. F., 10:30. Three hours credit. Rowe.

The author's theory of poetry and his principal poems will be studied.

85. **Tennyson.** Winter. M. W. F., 2:30. Three hours credit. (Not given this year.)

A study of the author's principal major and minor poems.

86. **Browning.** Winter. M. W. F., 2:30. Three hours credit. Britsch.

A study of the author's principal major and minor poems.

87. **Matthew Arnold.** Autumn. M. W. F. 10:30. Three hours credit. Christensen.

Study of Arnold's poetry and prose.

88. **Samuel Johnson.** Winter. M. W. F., 1:30. Three hours credit. Young.

A study of "Lives of the Poets," "Rasselas," and Boswell's "Life of Johnson."

89. **Byron.** Winter. M. W. F., 9:30. Three hours credit. Rowe.
A study of the author's principal works.

90. **Romantic Poetry.** Autumn. M. W. F., 10:30. Three hours credit. Rowe.

A study of romanticism as manifested in the poetry of the eighteenth and nineteenth centuries.

91. **Victorian Prose.** Autumn. M. W. F., 2:30. Three hours credit. Black.

92. **The English Novel.** Autumn. M. T. W. Th., 2:30. Four hours credit. Jensen. (Not given this year.)

The history of English prose fiction to the beginning of the Victorian Period.

93. **The Modern English Novel.** Winter. M. T. W. Th., 10:30. Four hours credit. Jensen.

A consideration of the technique of the novel and various phases of life reflected in this form of literature.

94. **The English Essay.** Winter. T. Th., 8:30. Two hours credit. Jensen.

The origin of the essay, and its development to the present time.

95. **Old English.** Autumn. M. T. W. Th., 8:30. Four hours credit. Christensen.

Old English grammar and reading exercises.

96. **Beowulf.** Spring. M. W. F. Time to be arranged. Three hours credit. Christensen.

The entire poem is read in the original. Prerequisite: Course 95. (Not given this year.)

97. **The History of the English Language.** Spring. M. T. W. Th., 8:30. Four hours credit. Christensen.

An historical and philological study of the language from the Old English period to the present time.

98. **The Criticism and Appreciation of Literature.** Spring. M. W. F., 10:30. Three hours credit. Christensen.

A study of critical theories and standard of value.

GENERAL AND COMPARATIVE LITERATURE

Lower Division Courses

- 26, 27, 28. **Types of World Drama.** Autumn, Winter, Spring. T. Th., 8:30. Two hours credit each quarter. Rowe. (Not given this year.)

The great plays of the world are studied according to type.

Upper Division Courses

61. **Modern European Drama.** (Continental.) Autumn. M. W. F. 2:30. Three hours credit. Rich.
62. **Modern European Drama.** (British.) Winter. M. W. F., 2:30. Three hours credit. Rich.
63. **Modern Drama.** (American.) Spring. M. W. F., 2:30. Three hours credit. Rich.
- 65 66, 67. **Types of World Literature.** Autumn, Winter, Spring, T. Th., 9:30. Two hours credit each quarter. Carroll.
69. **Poetry.** Spring. M. W. F., 9:30. Three hours credit. Rowe.
A somewhat technical study of versification, forms, and theories of poetry.

Graduate Courses

160. **English Drama to 1642.** Spring. 1:30. Young.
164. **Restoration Drama.** Autumn. M. W. F., 2:30. Three hours credit. Jensen.
- 165, 166, 167. **Types of World Literature.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Carroll.
171. **Medieval Literature.** Autumn. 9:30. Four hours credit. Christensen.
172. **English Literature from 1500 to 1660.** Autumn. 2:30. Four hours credit. Young.
173. **English Literature from 1660 to 1780.** Spring. 2:30. Four hours credit. Jensen.
174. **English Literature from 1780 to 1832.** Winter. 10:30. Four hours credit. Rowe.
175. **English Literature from 1832 to 1900.** Spring. 8:30. Four hours credit. Carroll.
180. **Alexander Pope.** M. W. F. Three hours credit. Jensen (Not given this year.)
181. **Chaucer.** Winter. 8:30. Four hours credit. Christensen.
182. **Shakespeare.** Spring. 9:30. Four hours credit. Christensen.

183. **Milton.** Winter. 9:30. Three hours credit. Christensen.
184. **Wordsworth.** Spring. 10:30. Three hours credit. Rowe.
185. **Tennyson.** Winter. 2:30. Three hours credit. (Not given this year.)
186. **Browning.** Winter. 2:30. Three hours credit. Britsch.
187. **Matthew Arnold.** Autumn. 9:30. Three hours credit. Christensen.
188. **Samuel Johnson.** Winter. 1:30. Three hours credit. Young.
189. **Byron.** Winter. M. W. F., 9:30. Three hours credit. Rowe.
191. **Victorian Prose.** Autumn. M. W. F. Three hours credit. Black.
195. **Old English.** Autumn. 8:30. Four hours credit. Christensen.
196. **Beowulf.** Spring. M. W. F. Time to be arranged. Three hours credit. Christensen. (Not given this year.)
197. **The History of the English Language.** Spring. 8:30. Four hours credit. Christensen.
198. **The Criticism and Appreciation of Literature.** Spring. 10:30. Three hours credit. Christensen.
200. **Thesis for Master's Degree.** Time and credit to be arranged.

GEOLOGY AND GEOGRAPHY

Professors Hansen, Martin, Hales; Assistant Professor Coffman, Mr. Dennis

GEOLOGY

Geology 1, 2, 3, 50, 51, 52, 53 and 57; Chemistry 4, 5, 6; Physics 41, 42, 43; Mathematics 11, 12; Drawing 6; and Engineering 1, 3 are recommended for students majoring in Geology.

A Teaching major in Geology and Geography shall include Geology 1, 2, 3, and 25 hours in additional courses approved by the Chairman of the Department.

Lower Division Courses

1. **Introduction to Earth Science.** Autumn. 7:30 and 10:30; Winter, 10:30 and 2:30; Spring, 7:30 and 10:30. Daily. Four hours credit. Four lectures and one demonstration or quiz section. One or two Saturday field trips are required. Coffman, Dennis and Hansen.

An orientation course in the fields of Geology and Geography. This course is a prerequisite to all other courses in the department of Geology and Geography.

- 2. Physical Geology.** Winter. Lectures, M. W. F., 9:30. Laboratory T. Th., 2:30 to 5:30, and two Saturday field trips. Five hours credit. Dennis.

The common rock-forming minerals, the common rocks and representative topographic maps will be studied in the laboratory. Prerequisite: Geology 1. A course especially suited for majors in Geology, Physics and Chemistry.

- 3. Historical Geology.** Autumn and Spring. Lectures M. T. W. Th., 9:30. Laboratory, F., 1:30 to 4:30, and two Saturday field trips. Five hours credit. Hansen.

A study of the history of the earth and the evolution of life forms. Representative fossil forms will be studied in the laboratory. Prerequisite: Geology 1.

Upper Division Courses

- 50. Geology of the United States.** Winter, Daily, 9:30. Five hours credit. Hansen.

A study of the stratigraphy, structure and areal geology of the United States from the geologic maps of representative areas. Prerequisite: Geology 2 and 3.

- 51. Mineralogy.** Autumn, M. W., 2:30. Laboratory T. Th., 2:30 to 5:30. Four hours credit. Dennis.

A general course in mineralogy. The laboratory will be devoted to crystallography and the identification of the non-silicate minerals by blowpipe analysis. Prerequisites: Chemistry 6 and Geology 2.

- 52. Structural Geology.** Autumn. Daily, 8:30. Five hours credit. Dennis.

A study of rock structures caused by earth movements. Emphasis will be placed upon the solving of structural problems in sedimentary rocks and the primary structures of igneous and metamorphic rocks will be treated with less detail. Prerequisite: Geology 51.

- 53. Field Geology.** Spring. Daily, 2:30. Five hours credit. Hansen.

A course in the practical application of geologic knowledge to the interpretation of field problems. Each student will be required to make a topographic and geologic map of a small area in the Wasatch or elsewhere near the campus. Prerequisites: Geology 52 and Mathematics 13.

- 57. Soil Geology.** Spring. T. Th., 8:30. Laboratory M., 2:30. Three hours credit. Martin. Prerequisite: Geology 2. (See Agronomy 57.)

61. **Mineral Optics.** Winter. M. W., 2:30 to 5:30. Two hours credit. Dennis.

A study of the principles of mineral identification by means of the petrographic microscope. Prerequisite: Geology 51.

62. **Petrography.** Spring. M. W. 2:30 to 5:30. Two hours credit. Dennis.

A study of the common rocks with the aid of the petrographic microscope. Prerequisite: Geology 61.

63. **Petrology.** Spring. M. W., 2:30 to 5:30 and Saturday field trips. Two hours credit. Dennis (Not given this year.)

A megascopic study of the common rocks with emphasis upon classification and field identification. Prerequisite: Geology 51.

70. **Invertebrate Paleontology.** Winter. Daily, 2:30 and laboratory work. Five hours credit. Hansen. Prerequisites: Zoology 55 and Geology 3. (Not given this year.)

71. **Physical Anthropology.** Spring. M. W. F., 10:30. Three hours credit. Hansen. Prerequisite: Geology 3. (Not given this year.)

73. **Sedimentation and Stratigraphy.** Winter. Daily, 2:30 and laboratory work. Five hours credit. Hansen. Prerequisite: Geology 52. (Not given this year.)

74. **Stratigraphy and Fossils of the Wasatch.** Spring. Time to be arranged. Eight hours field or laboratory work. Three hours credit. Hansen. Prerequisite: Geology 71. (Not given this year.)

90. **Ore Deposits.** Autumn. Daily, 8:30. Five hours credit. Dennis. (Not given this year.)

A study of the geologic occurrence and relationships of the ore minerals. Prerequisites: Geology 51 and 52.

91. **The Non-Metallic Minerals.** Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisites: Geology 51 and 52.

92. **Geology of Ground Water.** Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisite: Geology 51. (Not given this year.)

Graduate Courses

- 101, 102, 103. **Research.** Hours and credit to be arranged. Hansen and Dennis. Special problems in the field of Geology will be assigned to students prepared to do original work.

- 110. **Geology of Utah.** Autumn. T. Th., 2:30, and three long field trips, the expense of which is borne by the students. Three hours credit. Hansen. Prerequisite: Geology 52.
- 151. **Engineering Problems in Geology.** Time and credit to be arranged. Hansen and Dennis. Prerequisite: Geology 52.
- 152. **Problems in Structural Geology.** Time and credit to be arranged. Dennis. Prerequisite: Geology 52.
- 160. **Advanced Work in Mineralogy.** Time and credit to be arranged. Dennis. Prerequisite: Geology 61.
- 175. **Special Problems in Paleontology.** Spring. M., 10:30, and six hours laboratory work by arrangement. Three hours credit. Hansen.
- 190. **Special Problems in Metals.** Time and credit to be arranged. Dennis. Prerequisite: Geology 90.
- 191. **Special Problems in Non-Metals.** Time and credit to be arranged. Dennis. Prerequisite: Geology 91.
- 193. **Ore Deposits of Utah.** Winter. Daily, 8:30. Five hours credit. Dennis. Prerequisite: Geology 90. (Not given this year.)
- 196. **Readings in Geology.** Any quarter. One to six hours credit, no more than two hours of which may be taken in any one quarter. Hansen and Dennis.
- 200. **Thesis Work.** Not more than six hours credit.

GEOGRAPHY

Lower Division Courses

- 6. **Regional-Economic Geography.** Winter. Daily, 8:30. Five hours credit. Coffman. (See Marketing 30.)

The geography of world commodities; a survey of the economic activities of the world's political entities from a regional aspect.

- 7. **Advanced Physiography.** Spring. Daily, 1:30, and several field trips by arrangement. Five hours credit. Hansen and Coffman. Prerequisites: Geography 5 and Geology 2. (Not given this year.)
- 16. **Descriptive Astronomy.** Spring. M. T. W. Th., 10:30. Four hours credit. Hales. (See Physics 16.)

Upper Division Courses

- 50. **Advanced Geography.** Winter. M. W. F. 10:30. 3 hours credit. Coffman.

An intensive study of the natural environment and its utilization. Prerequisite: Geology 1.

51. **Climatology.** Spring. M. W. F., 7:30. Three hours credit. Coffman.

Elements, controls and types of climate and their distribution. Also recent thought on climatic regions. Prerequisite: Geography 50 or 15 hours in natural sciences including agronomy, botany, or meteorology. (Not given this year.)

52. **Human Geography of Utah.** Winter. T. Th., 2:30. Two hours. Hansen.

The response man has made to his geographic environment. Prerequisite: Geology 1, or Geography 50.

54. **Conservation and Land Utilization.** Spring. M. W. F., 7:30. Three hours credit. Coffman.

Importance, location, and conservation of our natural resources. Prerequisites: Geography 6 or 15 hours in natural or social science including Agronomy, Botany, or Economics.

55. **Geography of North America.** Spring. M. W. F., 10:30. Three hours credit. Coffman. Prerequisite: Geography 50.

56. **Geography of Latin America.** Spring. M. W. F., 1:30. Three hours credit. Coffman. Prerequisite: Geography 50. (Not given this year.)

57. **Geography of Europe.** Spring. M. W. F., 1:30. Three hours credit. Coffman. Prerequisite: Geography 50. (Not given this year.)

58. **Geography of Asia.** Spring. M. W. F., 1:30. Three hours credit. Coffman. Prerequisite: Geography 50. (Not given this year.)

73. **Meteorology.** Autumn. M. T. W. Th., 10:30. Four hours credit. Hales. (See Physics 73.)

Graduate Courses

105. 106, 107. **Research.** Hours and credit to be arranged. Hansen and Coffman.

Under this course special problems may be assigned students who are prepared to do original work in the field of Geography.

111. **Physiography of Utah.** Spring. T. Th., 8:30, and three Saturday field trips. Three hours credit. Hansen.

Deals with the present surface forms of Utah and how they came to be developed.

151. **Special Problems in Climatology.** Time and credit to be arranged. Coffman.

- 152. **Special Problems in Human Geography.** Time and credit to be arranged. Hansen.
- 154. **Special Problems in Conservation and Land Utilization.** Time and credit to be arranged. Coffman.
- 200. **Thesis Work.** Not more than six hours credit.

HISTORY

Professors Jensen, Snow, Sperry; Associate Professor R. B. Swensen; Mr. Gaeth

Requirements for a Major in History

A History major requires the completion of 45 hours of work in this field. History 10, 11, 12, 20, 21, 22 are required courses and should be completed by the end of the sophomore year. The additional work shall consist of upper division courses which will be chosen by the student with the consent of the major professor.

History 1 cannot be used in meeting the requirements for a major in history.

A student deciding to major in History must immediately consult the head of the department who will determine, in consultation with the student, upon the minor field of work.

These requirements will apply to all History majors who graduate in 1941. Students who graduate in 1940 may do so under either the new or the old plan.

Lower Division Courses

- 1. **History of Civilization.** Autumn and Spring. Daily, 8:30. Five hours credit. Gaeth.

An orientation course covering all phases of human achievement. Cultural and constructive forces are of chief consideration. The survey is universal in time and place. (History 1 may not be applied toward a history major.)

- 10. **Ancient Civilization.** Autumn. Daily. 10:30. Five hours credit. R. B. Swensen.

A survey of early civilizations dealing with the important oriental, Greek, and Roman states.

- 11. **Medieval and Early Modern Europe.** Winter. Daily. 10:30. Five hours credit. Snow.

A study of the political, social, economic, and religious institutions from the disintegration of the Roman Empire to 1650.

12. **Modern and Contemporary Europe.** Spring. Daily. 10:30. Five hours credit. Gaeth.

An examination of the political, economic, social, and cultural changes since 1650 which have resulted in the development of present day Europe.

20. **History of the United States to 1789.** Autumn. M. W. F., 9:30. Three hours credit. Jensen.

Problems of discovery, exploration, and colonization; causes, conflicts, and results of American Revolution; establishment of state governments; formation and ratification of Constitution of the United States.

21. **History of United States, 1789 to 1861.** Winter, M. W. F., 9:30. Three hours credit. Gaeth.

Federalist and Anti-Federalist control of government; foreign affairs and the Monroe Doctrine; "Rise of the New West"; problems of nullification; economic, political, and moral phases of slavery.

22. **History of United States, 1861 to 1939.** Spring. M. W. F., 9:30. Three hours credit. Gaeth.

Problems of the Civil War and reconstruction; the new economic era; a new imperialism; the United States and the World War; post-war problems.

Upper Division Courses

50. **Early Oriental History.** Autumn. M. W. F., 8:30. Three hours credit. Sperry.

A study of ancient civilizations including Egypt, Babylonia, Assyria, China, India, Arabia, Persia; also of the Hebrews, and other oriental races. The course is helpful to those especially interested in the Jewish scripture.

51. **Greek History.** Winter. M. W. F., 8:30. Three hours credit. R. B. Swensen.

A study of the social, cultural, economic, and political developments of the Greek people from the early heroic age down to Alexander. Major emphasis on phases of Greek culture which have influenced Western civilization.

52. **Roman History.** Spring. M. W. F., 8:30. Three hours credit. R. B. Swensen.

A survey extending from the rise of the Republic to the reign of Justinian. Special consideration will be given to the economic, social, cultural, and political forces which brought about the growth and decline of the Empire.

- 62. Medieval History.** Autumn. M. W. F., 9:30. Three hours credit. Snow.

Survey of the period from the disintegration of the Roman Empire to 814. Emphasis will be placed on the development of the Papacy, the growth of Monasticism, the conversion of the barbarians and the significant reign of Charlemagne.

- 63. History of Europe, 814-1250.** Winter. M. W. F., 9:30. Three hours credit. Snow.

A study of the social, economic and religious changes implicit in Feudalism, the Crusades, and the rise of cities.

- 64. Close of the Middle Ages, 1250-1555.** M. W. F., 9:30. Three hours credit. Snow.

Emphasis in this period will be placed on the rise and growing power of the Third Estate, the Renaissance, the Reformation, and the emergence of monarchical states.

- 70. History of Europe, 1556-1776.** Autumn. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary ideas that challenged the traditional views in science, theology, economics, and politics, and a consideration of the conflicts resulting therefrom.

- 71. Europe, 1776-1878.** Winter. M. W. F., 2:30. Three hours credit. Snow.

A study of the revolutionary movements in America and Europe; the American and French revolutions; the period of reaction and emergence of liberalism and nationalism. The period from 1848 to 1878 will be given special emphasis.

- 72. Europe since 1878.** Spring. M. W. F., 2:30. Three hours credit. Snow.

A study of the spread of industrialism and the consequent imperialistic competition resulting in the World War. A concluding survey of international relations and the underlying forces that make for peace or war.

- 80. History of the American West.** Autumn. M. W. F., 3:30. Three hours credit. Snow.

America the frontier of Europe. International rivalry for the Caribbean area; the Atlantic tide water and the Pacific Coast. Problems of the West to 1803.

- 81. History of the West.** Winter. M. W. F., 3:30. Three hours credit. Snow.

The significance of the Frontier in the development of a distinctive Americanism; the West in national issues 1803-1861.

- 82. History of the West.** Spring. M. W. F., 3:30. Three hours credit. Snow.

The development and colonization of the Trans-Mississippi, the Rocky Mountains, and the Pacific West 1803-1892. Special consideration will be given to the Mormon migration and the development of Utah.

- 85. History of Hispanic America.** Autumn. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

A brief survey of the colonial period, and a study of the causes and results of the wars for independence.

- 86. History of Hispanic America.** Winter. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

A study of the struggle for stable governments after independence was gained. The characteristics of special sections will be given consideration.

- 87. History of Hispanic America.** Spring. M. W. F., 9:30. Three hours credit. Snow. (Not given this year.)

In this quarter, careful consideration will be given to inter-American and international relations with special emphasis on the United States and Hispanic American peace and trade pacts.

- 90. History of England to 1485.** Autumn. M. W. F., 8:30. Three hours credit. Wilson. (Not given this year.)

Origin and development of the English people and English institutions from earliest times to 1485.

- 91. History of England, 1485 to 1714.** Winter. M. W. F., 8:30. Three hours credit. Wilson. (Not given this year.)

Special consideration to the development under the Tudors and the struggle of Divine right claims of the Stuarts against parliamentary prerogative. The triumph of Parliament, 1689-1714.

- 92. History of England, 1714 to 1937.** Spring. M. W. F., 8:30. Three hours credit. Wilson. (Not given this year.)

Cabinet government. A survey of the reform movements, political, economic and humanitarian in the nineteenth century, and England's relation to foreign affairs, to the time of the World War and after.

- 93. Constitutional History of England.** Winter. M. W. F., 10:30. Three hours credit. Wilson. (Not given this year.)

A study of English constitutional development from the Anglo-Saxon period to the present. Attention is given to the origin and evolution of the royal prerogative, the judicial and administrative systems, the growth of Parlia-

ment, the development of cabinet responsibility. The aim is to understand the processes which have resulted in the establishment of a constitutional democratic form of monarchy.

95. **American History to 1789.** Autumn. M. W. F., 10:30. Three hours credit. Jensen.

A study of colonial institutions and the constitutional relations between the colonies and the mother country; constitutional theories and principles involved in the Revolution; formation of the federal constitution.

96. **History of the United States 1789 to 1865.** Winter. M. W. F. 10:30. Three hours credit. Jensen.

A study of the organization of the new government; the problems of nationality and state rights; the problems involved in slavery and in the expansion of the nation; constitutional theory of secession; constitutional aspects of the war power.

97. **History of the United States since 1865.** Spring. M. W. F., 10:30. Three hours credit. Jensen.

Political, economic, and social reconstruction after the Civil War; industrial and economic expansion, the problem of insular depressions; the World War and its after affects; economic depression and the "New Deal."

Graduate Courses

150. **Early Oriental History.** Problems of ancient civilizations.
151. **Grecian History.** A study of important problems dealing with the development of Greek life and culture.
152. **Roman History.** Problems of agrarian reform and Roman imperialism.
162. **Medieval History.** Studies dealing with the Papacy and Monasticism.
163. **Medieval History.** Problems relating to Feudalism, the Crusades, and the rise of cities.
164. **Medieval History.** Emphasis on the Renaissance, the Reformation, rise of the Third Estate, and the rise of monarchical states.
170. **Modern History.** A new science and philosophy of the seventeenth and eighteenth centuries.
171. **Modern History.** The struggle between liberalism and conservatism in the nineteenth century.

172. **Modern History.** Some problems connected with the World War and intricate world relations since then.
180. **History of the West.** The West as a factor in international rivalry to 1763, and as a potential force in the American Revolution.
181. **History of the West.** The influence of the West in the opening of the Mississippi, the War of 1812, the American system, etc.
182. **History of the West** The history of the Trans-Mississippi West, the Great Basin, etc.
185. **History of Hispanic America.**

A study of colonial problems in Hispanic America. The movement for independence.
186. **History of Hispanic America.**

Problems connected with the establishment of independent states.
187. **History of Hispanic America.**

International and inter-American relations of Hispanic American states.
190. **History of England, 1066-1485.** A study of the rise of the bourgeoisie and the evolution of Parliamentary supremacy.
191. **History of England, 1485-1714.** An intensive study of the evolution of cabinet government, or the Machine Age and its industrial and social consequences.
192. **History of England, 1714-1937.** Expansion and industrialism and the new economic doctrine of laissezfaire.
193. **Constitutional History of England.** Emphasis upon fundamental movements connected with English constitutional growth.
195. **American History.** Problems of Colonial and Revolutionary history.
196. **American History.** Topics in the development of American political and historical institutions.
197. **History of the United State.** Problems in recent American constitutional history.
198. **Problems in Historical Research.**
200. **Research for Master's Thesis.**

HOME ECONOMICS

Professors Warnick, Larsen; Assistant Professors Barlow, Dixon, Johanson, Miss Billings, Miss Alleman, Mrs. Jackson

It is advised that students of Home Economics who are preparing to enter the teaching profession take both major and minor in this department as this facilitates placement in teaching positions. Major and minor may be obtained in Clothing and Textiles, Foods and Nutrition, Household Administration, and Vocational Home Economics teaching major.

All freshmen who expect to major in Home Economics are required to take Household Administration 5. All teaching majors are required to take Household Administration 71, 72, and 73; Chemistry, 21, 22 and 23; Bacteriology 21, and 22; Zoology 25; Art 21, 25, and 29. Four additional hours of Art are to be elected.

It is suggested that students interested in Pre-nursing preparation register in the Department of Home Economics with a major in Foods and Nutrition. The following courses are recommended for such students: Foods and Nutrition 5, 10, 11, 12; Chemistry 21, 22 and 23; Bacteriology 21 and 22; Psychology 11; Zoology 25, or 45; Economics 1; Sociology 11; Household Administration 12 or 62; Freshman English, and Physical Education. These courses would provide an adequate foundation for Nurses' training and for a teaching major should a student desire to return for a college degree.

CLOTHING AND TEXTILES

Clothing and Textiles 1, 2, 3, 55, 56, 60, 61, 62, 65, 66, 68 and 69 are required of all who major in Clothing and Textiles. Other additional hours are elective with the advice of the major professor. Chemistry 21, 22 and 23 or equivalent required.

Lower Division Courses

1 or 70. Clothing Selection and Construction. Autumn. M. T. W. Th. Sec. 1 and 2, 8:30. Sec. 3, 2:30. Three hours credit. Billings and Jackson.

Analysis of fashion trends as they affect the selection of personal clothing; study and basic measures used by commercial pattern makers and methods of adjusting the pattern to individual needs. Selection and construction of a tailored dress by the use of a commercial pattern. Laboratory hours to be arranged. Prerequisite or parallel Art 21.

- 2 or 71. Clothing Design and Construction.** Winter. M. T. W. Th. Sec. 1 and 2, 8:30. Sec. 3, 2:30. Three hours credit. Billings and Jackson.

An analysis of garment design and personal line. A basic muslin pattern is made for comparison and guidance in the interpretation and adjustment of the commercial patterns. Emphasis is placed on fabric and design as it affects the character of the costume. One garment is made. Laboratory hours to be arranged. Prerequisite or parallel Art 25, Clothing and Textiles 1 or 70, or 5.

- 3 or 72. Spring Wardrobe Building.** Spring. M. T. W. Th. Sec. 1 and 2, 8:30 Sec. 3, 2:30. Three hours credit. Billings and Jackson.

Selection and construction of the costume ensemble; the study and application of art principles to the selection of the wardrobe. Emphasis upon sewing techniques and short cuts to speed and efficiency. Construction of summer garments for street, daytime, and evening, and semi-tailored costumes; color harmonies of special interest. Laboratory hours to be arranged. Prerequisite Clothing and Textiles 2 or 71.

- 5. Survey in Clothing Construction.** Autumn, Winter, Spring. M. T. W. Th., 9:30. Three hours credit. Jackson.

Emphasis on selection and construction of a tailored garment to teach correct techniques in the use of commercial patterns and construction skills. Adjustment of pattern to individual measures, analysis of color, line and fabric are stressed. Laboratory periods to be arranged. Prerequisite or parallel Art 21. Accepted for Clothing and Textiles 1 on recommendation of instructor.

- 10. Dress Design and Appreciation.** Autumn. M. W. F. 1:30. Three hours credit. Billings.

Selection and purchase of the personal wardrobe. Consideration will be given to the clothing budget, suitability of costume to use, care and repair of the personal wardrobe; good grooming, and the relation of clothing to individual success. Open to all non-majors. Required of minors and students preparing for a Vocational Teaching Certificate.

- 15. General Textiles.** Spring. M. W. F. 10:30. Three hours credit. Jackson.

Fundamental textile fibers, yarns, weaves, color, and finishes with special references to selection of fabrics for clothing and the house. Required of minors and students qualifying for a Vocational Teaching certificate.

Upper Division Courses

- 52. Children's Clothing.** Spring. M. W. F. 2:30. Two hours credit. Jackson.

A consideration of design and construction of children's clothing suitable to various ages and types with special emphasis on physical and psychological needs of the child as related to clothing.

- 55. The Family Clothing Problem.** Autumn. Daily. Sec. 1, 1:30. Sec. 2, 2:30. Two hours credit. Jackson.

Study of the wardrobe needs of the family and problems relating to the purchase, care, and construction of the family clothing. To buy or to sew; a comparison of needs and values with some remodeling of garments to provide basis for comparison.

- 56. Tailoring.** Winter. Daily. Sec. 1, 1:30. Sec. 2, 2:30. Two hours credit. Jackson.

Tailoring techniques applied in the construction of coats, suits, and dresses. Prerequisites Clothing and Textiles 1, 2, and 3, or equivalent.

- 60, 61. Advanced Textiles.** Autumn and Winter. T. Th. 10:30. Two hours credit each quarter. Jackson.

History of primitive and modern methods of manufacturing textile fibres. The construction and finish of fabrics and factors influencing the quality and cost.

- 62. Economics of Clothing Selection.** Spring. T. Th. 10:30. Two hours credit. Jackson.

A study of factors involved in the selection and purchase of clothing with special reference to existing guides and sources of buying information for the consumer-buyer. Field trips to stores and industries. Open to all upper division students.

- 65. Historic Costume.** Winter. M. W. F., 1:30. Laboratory F., 2:30-3:30. Three hours credit. Billings.

Study of period costume as an expression of fashion which reflects the social and artistic life of the time. Emphasis is placed on those phases of costume which provide inspiration for modern design. Students of the drama and pageantry will find special interest in this course.

- 66. Costume Design.** Spring. M. W. F., 1:30. Laboratory F., 2:30-3:30. Three hours credit. Billings.

Principles of sketchings and the interpretation of artistic design. Emphasis is placed on the usual motifs to build harmonious design and compliment personality. The course is

exploratory and aims to meet the needs of homemakers and dressmakers, rather than costume illustrators. Prerequisite Clothing and Textiles 65.

67. **Advanced Clothing.** Autumn. M. T. W. Th. 9:30. Two hours credit. Billings.

Design and construction of formal, afternoon or evening dresses: Prerequisites Clothing and Textiles 1, 2, 3.

68. **Advanced Dressmaking and Pattern Design.** Spring. T. Th. 9:30-11:30. Three hours credit. Billings.

The principles of draping and dress design, cutting, fitting, and finishing. The basic muslin pattern is used to facilitate efficient self-fitting. Two garments are designed, cut, fitted, and finished. Laboratory hours to be arranged for sewing work as class hours will be confined to problems of design and style. Prerequisites; Clothing and Textiles 1, 2, 3; 60 or 15; 10 or 66.

69. **Recent Developments in the Textile Field.** Winter. T. Th. 10:30. Two hours credit. Billings.

Readings, reports, and discussions based on the current literature and research being done in the textile and clothing field. Prerequisites Clothing and Textiles 1, 2, 3, 60, 61, 65, and 66.

Graduate Courses

101. **Clothing Selection and Construction.** Autumn. M. T. W. Th. Three hours credit. Billings.

102. **Clothing Design and Construction.** Winter. M. T. W. Th. Three hours credit. Billings.

160. **161. Textiles.** Autumn and winter. T. Th. 10:30. Two hours credit each quarter.

162. **Economics of Clothing.** Spring. T. Th. 10:30. Two hours credit.

167. **Advanced Dressmaking and Pattern Design.** Spring. T. Th. 9:30-11:30. Three hours credit. Billings.

FOODS AND NUTRITION

Foods and Nutrition 10, 11, 12, 50, 53, 54, 55 and 56 are required of all who major in Foods and Nutrition. Other additional hours are elective with the advice of the major professor. Chemistry 21, 22 and 23 or equivalent required.

Lower Division Courses

1. **Food Problems in the Home.** Autumn and Winter. T. Th. Lecture 2:30-3:30. Laboratory 3:30-5:30. Three hours credit. Dixon.

A course in food selection, marketing and preparation. This course is for non majors only.

- 2. Food Problems in the Home.** Spring. T. Th. Lecture 2:30-3:30. Laboratory 3:30-5:30. Three hours credit. Dixon.

A course in food service for parties, catering etc. Emphasis will be placed on social customs in relation to food service. For non-majors only.

- 4. Cookery Problems for men.** Autumn. M. W. F. One lecture and two laboratory periods, 7:30-8:30. Two hours credit. Alleman.

For men desiring experience in simple meal preparation.

- 5. Elementary Nutrition.** Spring. M. W. F., 8:30. Three hours credit. Dixon.

The study of the fundamentals of nutrition and the use of the diet in maintaining physical fitness.

Open to men and women. Required of majors in vocational education. Prerequisite or parallel Foods and Nutrition 10, 11, 12; Zoology 25, Chemistry 21, 22, and 23.

- 10 or 70. Food Preparation, Preservation and Serving.** Autumn. M. W. Lecture 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow.

Special attention is given to the principles of carbohydrate cookery and to food preservation. Family meal service is introduced with the serving of breakfasts.

- 11 or 71. Food Selection, Preparation, and Serving.** Winter, M. W., Lecture 2:30-3:30. Laboratory. Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow.

Special attention is given to the principles involved in the cookery of protein foods and to experimental methods of cookery. Meal service is continued with the preparation of various types of luncheons to meet family needs.

- 12 or 72. Food Selection, Preparation and Serving.** Spring. M. W. Lecture, 2:30-3:30. Laboratory, Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Barlow.

Principals involved in fat cookery. Meal service is emphasized with the preparation of different type dinners, buffet service, and teas.

- 15 or 75. Food Economics.** Autumn. T. Th., 10:30 Laboratory in form of field trips. Three hours credit. Barlow.

Food purchasing as affected by markets, advertising, brands, and other factors.

Upper Division Courses

- 50a. Large Quantity Cookery.** Autumn, Winter, Spring. Daily 10:30-1:30. Three hours credit. Dixon.

Practical laboratory experience in the preparation of food for the school cafeteria. Prerequisites or parallel, Foods and Nutrition 10, 11, 12, 51. Foods and Nutrition 50b must parallel Foods and Nutrition 50a. Limited to five students each quarter. Register in the autumn.

- 50b. Institutional Management and Cafeteria Accounting.** Autumn, Winter, Spring. Two hours credit. Dixon.

Practical experience in the management, marketing and accounting for the school cafeteria. Must parallel Foods and nutrition 50a.

- 51. Institutional Management Seminar.** Winter. F. 2:30. One or more hours credit. Dixon.

- 52. Nutrition of Children.** Autumn. W. W. F. 8:30. Three hours credit. Dixon.

Nutritional requirements and feeding problems of pregnancy, infancy, the pre-school and the school child.

- 53. Nutrition.** Autumn. M. W. F., 9:30. Laboratory Th., 2:30-5:30. Four hours credit. Barlow.

A study of the chemistry, digestion and metabolism of carbohydrates, fats, and proteins; the effect of food on health and growth. Prerequisites: Chemistry 21, 22, 23, and Foods and Nutrition 10, 11, 12.

- 54. Dietetics.** Winter. M. W. F., 9:30. Laboratory Th., 2:30-5:30. Four hours credit. Barlow.

A study of the vitamins and their relation to good health. The food requirements of the individual and the family are considered. Projects in animal experimentation to show effect of different diets are included. Prerequisite: Foods and Nutrition 53.

- 55. Nutrition in Disease.** Spring. M. W. F., 9:30. Laboratory, Th., 2:30-5:30. Four hours credit. Barlow.

This course deals with the value of food in maintaining health. Emphasis is placed on special diets for different diseases. Prerequisite: Courses 53 and 54.

- 56. Readings in Nutrition.** Winter, T., 3:30-5:30. Two hours credit. Barlow.

Required of all senior girls majoring in Foods and Nutrition.

- 57. Nutrition Work with Children.** Spring. M. W. F., 10:30. Three hours credit. Barlow.

Relation of Nutrition to growth and development with special emphasis on nutrition problems of the school child and the adolescent. Recommended for elementary and secondary teachers, men and women.

- 58. Experimental Animal Nutrition.** Open to seniors and graduates only. Johanson.

This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged. Pre-requisite: 5 hours in organic or biochemistry and courses 53 and 54.

Graduate Courses

- 150. Large Quantity Cooking and Marketing.** Autumn, Winter, Spring. Daily, 10:30. Five hours credit. Dixon.
- 153. Nutrition.** Autumn. M. W. F., 9:30. Laboratory, Th., 2:30-5:30. Four hours credit. Barlow.
- 154. Dietetics.** Winter. M. W. F., 9:30. Laboratory, Th., 2:30-5:30. Four hours credit. Barlow.
- 155. Nutrition in Disease.** Spring. M. W. F., 9:30. Laboratory, Th., 2:30-5:30. Four hours credit. Barlow.
- 156. Readings in Nutrition.** Winter. T. 3:30-5:30. Two hours credit. Barlow.

HOUSEHOLD ADMINISTRATION

Household Administration 12, 60, 61, 80, 81, 63, 64, 65 are required of all who major in Household Administration. Other additional hours are elective with the advice of the major professor. Chemistry 21, 22, 23 or equivalent required.

Lower Division Courses

- 1. Household Problems.** Autumn. T. Th., 8:30. Two hours credit. Warnick.

This course will present the most important problems in the organization and management of the household.

- 5. Introduction to Home Economics.** Autumn. F., 3:30. One hour credit. Warnick and staff.

Designed to orient beginning students in the field of home economics. Vocational opportunities for women trained in home economics are investigated. Required of all freshmen majoring in the department.

- 10. Family Health.** Winter. T. Th., 8:30. Two hours credit. Dixon.
A consideration of factors underlying health; methods concerned with the control and prevention of communicable and infectious diseases; home care of the sick.

- 12 or 62. Family Relationships.** Spring. M. W. F., 1:30. Three hours credit. Warnick.

The modern family, its functions and structure; modern social conditions affecting its stability and pattern; responsibilities and contributions of members of the family. Analysis of relationships that make for satisfactions in family life.

Upper Division Courses

- 52, 53, 54, Interior Decoration.** Autumn, Winter Spring. T. Th., 9:30. Two hours credit each quarter. Larson. Prerequisites: Art 21, 25, 29. (See Art 91, 92, 93.)

- 60. Home Management.** Spring. M. W. F., 8:30. Three hours credit. Warnick.

Analysis of the nature of household tasks and the social and economic contribution made to the family through efficient management of the same; the coordination of household tasks with the personal aspects of family life.

- 60b. Home Management House.** 3 hours credit. Alleman.

Consists of half-quarter's residence in home management house with actual experience in the purchasing and preparation of foods, meal planning, and service, housekeeping, household records, hospitality, and group relationships. Applications should be made by the end of the winter quarter preceding. Household Administration 60 precedes or parallels this course.

- 61. Economic Problems of the Family.** Winter. M. W. F. Three hours credit. Warnick.

Study of those economic problems most directly concerning the family of today, discussion of family income, its size, sources, adequacy; income apportionment and expenditure. For men and women students.

- 63. The Consumer and the Market.** Winter. M. W. F., 2:30 Three hours credit. Warnick.

An analysis of the economic position of the consumer as a buyer; organization and function of the market, price policies, selling methods in the retail market, retailing activities and their costs, and market control through legislation. Open to men and women students.

64. **Housing Problems of the Modern Family.** M. W. F., 8:30. Three hours credit. Warnick.

The social, economic, and functional aspects of housing; Federal legislation and organizations promoting better housing; the family dwelling from the standpoint of family needs and interests. Open to men and women students.

65. **Equipment.** Winter. M. W. F., 10:30. Three hours credit. Barlow.

A study of electrical and non-electrical equipment for the home. Fundamental factors determining selection and use and care. Open to men and women students.

68. **Psychology of Childhood and Adolescence.** Winter. M. W. F., 8:30. Three hours credit. Gibb. (See Psychology 68.)

69. **Psychology of Personality.** Autumn. M. W. F., 8:30. Three hours credit. Gibb. (See Psychology 69.)

- 71.* **Methods of Teaching Home Economics.** Spring. T. Th., 7:30. Two hours credit. Alleman.

The historical development, growth; present scope and trend; objectives of home economics education; its organization and relationship to the present educational set-up.

- 72.* **Methods of Teaching Home Economics.** Autumn. T. Th., 7:30. Two hours credit. Alleman.

Teaching methods as applied to home economics curriculum content; equipment and teaching facilities; laboratory arrangement and management.

- 73.* **Special Problems in Teaching Home Economics.** Spring. T., 8:30. One hour credit. Warnick.

For all senior majors who are qualifying for a teaching certificate.

80. **Child Care.** Autumn. T. Th., 1:30. Two hours credit. Warnick.

Problems of parental and infant care; physical and mental standards of development; general care and hygiene of mother and child.

81. **Child Development.** Winter. T. Th., 1:30. Two hours credit. Warnick.

Habit formation and behavior problems of the infant and pre-school child; home influence in the care and training of children; observation of children in the kindergarten and nursery school.

* Household Administration 71, 72, 73, fulfill special methods requirements for a vocational education teaching certificate.

- 82. Child Development.** Spring. Th., 8:30. Two hours credit. Warnick.

Observation and practice with a group of pre-school children; special studies. Prerequisite: Courses 80, 81. One lecture, three hours practice period in nursery or kindergarten.

Graduate Courses

- 160. Home Management.** Spring. M. W. F., 8:30. Three hours credit. Warnick.
- 161. Economics of the Household.** Winter. M. W. F., 8:30. Three hours credit. Warnick.
- 164. Housing Problems of the Family.** Autumn. M. W. F., 8:30. Three hours credit. Warnick.
- 173. Special Problems in Teaching Home Economics.** Spring. T. 8:30. One hour credit. Warnick.
- 180. Child Care.** T. Th., 1:30. Two hours credit. Warnick.
- 181. Child Development.** Winter. T. Th., 1:30. Two hours credit. Warnick.
- 182. Seminar in Child Development.** Spring. Th., 8:30. One hour credit. Warnick.

HORTICULTURE

Professors Shaw and Morris; Mr. Smeath

Lower Division Courses

- 1. Principles of Pomology.** Autumn. Daily, 9:30. Three hours credit. Shaw.

The principles underlying profitable orchard management and small fruit culture will be studied.

- 2. Truck Crops.** Winter. M. W. F., 8:30. Three hours credit. (Offered in alternate years; given this year.)

Fundamental principles underlying the production of vegetable crops.

- 4. 5. Herbaceous Plant Materials.** Autumn and Winter. T. 8:30. One hour credit each quarter. Morris. (Not given this year.)

Annual, biennial and perennial plants for landscape effects, and for soil erosion control will be studied. Botanical characteristics and cultural methods are considered. Native plants are studied as well as exotics.

- 6. Herbaceous Plant Materials.** Spring. T. Th., 8:30. Two hours credit. Morris. (Not given this year.)

Annual biennial and perennial plants that flower in the spring are studied as to landscape effect and erosion control.

- 8. Trees and Shrubs.** Autumn. T. Th., 8:30 (Laboratory T. 2:30-5:30.) Three hours credit. Morris.

Botanical characteristics of native and cultivated plants used for landscape effects and for soil erosion control. Emphasis placed on Autumn and Winter characteristics and effects.

- 9. Trees and Shrubs.** Spring. T. Th., 8:30. (Laboratory T. 2:30-5:30.) Three hours credit. Morris.

Botanical characteristics of native and cultivated trees and shrubs used for landscape effects and for soil erosion control. The student learns to identify a large number of trees and shrubs, and also how to use them to advantage. Spring and summer characteristics and effects emphasized.

- 11. Plant Propagation.** Spring. 9:30. M. W. F. Three hours credit. Smeath.

A study of the methods of plant reproduction will be made which will include Greenhouse and Nursery practice.

- 12. Plant Propagation Laboratory.** Spring. T. Th., 2:30-5:30. Two hours credit. Smeath.

Laboratory course in Plant Propagation designed to accompany Horticulture 11.

- 32. Marketing Fruits and Vegetables.** Winter. M. W. F., 9:30. Three hours credit. Smeath.

Problems dealing with the transportation, marketing and storage of fruits and vegetables. Particular emphasis will be placed upon marketing methods and specific marketing problems.

- 40. Weeds.** Autumn. T. Th., Three hours credit. (Laboratory Th., 3:30 to 5:30. Shaw.

The important weeds occurring in Utah and their control. Study will be made of the weed seeds likely to occur in commercial seed.

Upper Division Courses

- 51. Origin and History of Cultivated Plants.** Winter. T. Th., 8:30. Two hours credit. Smeath.

Study of origin of species and varieties. Changes and adaption of plants. Interesting historical facts of plants.

- 52. Systematic Pomology.** Autumn. T. Th., 1:30. (Laboratory F., 2:30 to 5:30.) Two or three hours credit. Shaw.
Emphasis placed on the identification, description, and nomenclature of fruits and fruit trees.
- 53. Advanced Pomology.** Autumn. M. W. F., 10:30. Three hours credit. Shaw.
A technical course based upon plant physiology and morphology as applied to fruit production.
- 54. Advanced Truck Crops.** Autumn. M. W. F., 10:30. Three hours credit. Shaw. (Not given this year.)
A technical course in the taxonomy and morphology of the truck crops.
- 55. Orchard Practice.** Spring. Time to be arranged. One hour credit. Smeath.
A study of horticultural problems in Utah. Orchards and plantations will be visited and studied.
- 59. Plant Genetics.** Winter. M. W. F., 1:30. Three hours credit. Morris.
A study of plant genetics in relation to improvement of plants. Methods of hybridizing and selection as practiced in Europe and America.
- 60. Floriculture.** Autumn. M. W. F. Three hours credit. (Not given this year.)
The production of flowers and special reference to home culture and use.
- 90. Plant Chemistry.** Spring. T. Th. F., 1:30. Five hours credit. (Laboratory T. Th., 2:30.) Shaw or Johanson.
This course will deal with the chemistry of plant compounds as well as with their function in plant metabolism.
- 91, 92, 93. Seminar.** Autumn, Winter, Spring. One hour credit, each quarter. Shaw.
Current horticultural literature will be reviewed. For seniors majoring in horticulture.
- 96. Special Problems in Horticulture.** Autumn, Winter, Spring. Credit and subject matter to be arranged. Shaw.

Graduate Courses

- 102, 103, 104. Research.** Autumn, Winter, Spring. Time and credit to be arranged.
- 153. Advanced Pomology.** Autumn. M. W. F., 10:30. Three hours credit. Shaw.
- 154. Advanced Truck Crops.** Autumn. M. W. F., 10:30. Three hours credit. Shaw.

- 190. Plant Chemistry.** Spring. T. Th. F., 1:30. Five hours credit. Laboratory T. Th., 2:30.
- 191, 192, 193. Seminar.** One hour credit each quarter. Shaw
- 196. Special Problems in Horticulture.** Autumn, Winter or Spring. Credit and subject matter to be arranged. Shaw.

JOURNALISM

Associate Professor Culmsee; Professors J. M. Jensen, Pardoe, Hales; Associate Professor Morley; Assistant Professor E. M. Jenson; Mr. Smith, Mr. Gaeth

English 1, 2, and 3 are prerequisites for all courses in Journalism with the exception of Courses 1, 6, and 7, which may be taken in connection with those courses.

Students who elect to major in Journalism must present thirty hours of credit in Journalism and thirty hours in English. The following subjects are required: Journalism 1, 2, 3, 4, 5, 7, 51, 52, 54, 59, 65.

The following are suggested as minors for students who major in Journalism: Accounting and Business Administration, Art, Economics, History, Office Practice, Political Science, Sociology.

All majors in Journalism must be able to operate a typewriter.

Lower Division Courses

- 1. History of Journalism.** Autumn. M. W. F., 10:30. Three hours credit. J. M. Jensen, Culmsee.

This course will include a study of the development of the English as well as the American press, but will lay special emphasis upon recent times and movements.

- 2. News and Newswriting.** Autumn. M. W. F., 8:30. Three hours credit. Smith.

A course in the study of what constitutes news as well as practice in gathering and writing news copy.

- 3, 4. Reporting.** Winter, Spring. Time to be arranged. Two hours credit each quarter. Culmsee and Smith. Prerequisite: Journalism 2 and consultation with instructor.

Methods of gathering and reporting news. Students will gather news in the regular channels in the City of Provo and will have experience in reporting for the daily press.

- 5. Editing and Makeup.** Winter. M. W. F., 2:30. Three hours credit. Smith. Prerequisite: Journalism 2.

A study of and practice in copy reading, editing, newspaper makeup, and headline writing.

6. **College Journalism.** Winter. Time to be arranged. One hour credit. Smith. Limited to the Y News staff.
7. **Ethics of Journalism.** Spring. T. Th., 8:30. Two hours credit. Culmsee.
A study of the moral aspects of Journalism—ideals and abuses.
- 14, 15, 16. **Commercial Art.** Autumn, Winter, Spring. One or two hours credit. each quarter. E. M. Jensen. (See Art 14, 15, 16.)
21. **Problems of Citizenship.** Autumn. M. W. F., 1:30. Two hours credit. (See Political Science 21.)
26. **Photography.** Spring. Lectures. M. W. F., 7:30. Laboratory time to be arranged. Four hours credit. Hales. (See Physics 26.)

Upper Division Courses

51. **Editoirials and Editorial Writing.** Winter. T. Th., 9:30. Two hours credit. J. M. Jensen.
A study of the editorial and practice in writing it.
52. **Special Feature Articles.** Spring. T. Th., 9:30. Three hours credit. Culmsee. Prerequisite: Journalism 2, or the permission of the instructor.
A study of newspaper and magazine special feature articles; types, and sources. Help will be given in planning and marketing the article.
54. **Book Reviewing.** Autumn. T. Th., 8:30. Two hours credit. J. M. Jensen, Culmsee. Prerequisite: Journalism 2, or English 12.
A study of current books, both fiction and non-fiction, and practice in reviewing them.
57. **Short-Story Writing.** Autumn. T. Th., 9:30. Two hours credit. J. M. Jensen.
In this course the greater part of the student's time is given to practice in writing short-stories.
58. **Radio Broadcasting.** Autumn or Spring. M. W., 3:30. Two hours credit. Pardoe, Morley and staff. (See Speech 58.)
59. **Advertising.** Spring. Five hours credit. (See Marketing 59.)

Arrangements for Journalism majors to enter this course must be made through the Department of Journalism.

- 60. Problems of the Weekly Paper.** Spring. T. Th., 2:30. Two hours credit. Culmsee. Prerequisite: Journalism 2 and 3.
A study of the country weekly, its place in American life, and its possibilities.
- 61, 62, 63. Commercial Art.** Autumn, Winter, Spring. Two to four hours credit each quarter. E. M. Jenson. (See Art 61, 62, 63.)
- 65. Publicity.** Spring. T. Th., 8:30. Two hours credit. Smith. Prerequisite: Journalism 2.
A study of the approach to the public consciousness through the newspaper, the lecture, the radio address — the purposes and methods of publicizing.
- 87. Teaching of Journalism.** Spring. T. Th., 3:30. Two hours credit. Culmsee.
This course is designed for English and Journalism majors who expect to teach in high school. It will include problems of supervision. Prerequisite: Journalism 2 and 3.
- 97, 98, 99. Recent Social Trends.** (See Sociology 97, 98, 99.) Two hours credit each quarter.

LANDSCAPE ARCHITECTURE

Professors Morris, Shaw, Snell; Mr. Smeath

- 1. Elementary Landscape Architecture.** Autumn and Spring. M. W. F., 8:30. Three hours credit. Morris and Smeath.
This course is designed to fit the needs of all students. Principles of design and composition as applied to landscape architecture with emphasis on home ground developments. A foundation to all courses in landscape architecture.
- 2. Elements of Drawing.** Autumn, Winter, or Spring. Daily. 9:30 or 10:30. Two hours credit. Snell. (See Drawing 2.)
- 4, 5. Herbaceous Plant Materials.** Autumn and Winter. T. 8:30. One hour credit each quarter. Morris. (See Horticulture 4, 5.) (Not given this year.)
- 6. Herbaceous Plant Materials.** Spring. T. Th., 8:30. Two hours credit. Morris. (Not given this year.)
- 8, 9. Trees and Shrubs.** Autumn and Spring. T. Th., 8:30. Laboratory T., 2:30-5:30. Three hours credit each quarter. Morris. (See Horticulture 8 and 9.)
- 10. Drawing.** Autumn. T. Th., 1:30-4:30. Two hours credit. Morris.
A general course in drafting, including light and shade, lettering and perspective drawing.

21. **History and Literature of Landscape Architecture.** Winter. M. W. F., 8:30. Three hours credit. Morris.

The contributions and practices of Egypt, Persia, Greece, Rome, India, and Europe during the Middle Ages.

22. **History and Literature of Landscape Architecture.** Spring. M. W. F., 8:30. Three hours credit. Morris.

A study of the Italian Renaissance, France, England, and other European countries, as well as American and Oriental contributions.

24. **Landscape Design.** Winter. M. W. F., 2:30-5:30. Three hours credit. Morris.

The design of gardens and private grounds on flat surfaces. A fundamental course to all landscape design. Prerequisites: courses 1 and 10.

25. **Landscape Design.** Spring. M. W. F. Three hours credit. Morris.

Designing land surfaces to fit the setting. Private and public grounds considered. (Prerequisite: course 24.)

Upper Division Courses

- 51, 52. **Planting Design.** Autumn, Winter. Th. F., 2:30-5:30. Two hours credit each quarter. Morris.

Planting plans for gardens and grounds studied in 24, will be made. Plant compositions emphasized. Prerequisites: courses 4, 5, 6, 8, 9, 24 and 25.

53. **City Planning.** Winter. M. W. F. 10:30. Three hours credit. Morris and Smeath.

The history of various types of city plans; advantages and disadvantages. Appreciation of community development. Emphasis on Salt Lake City, Washington, D. C., and Paris.

- 60, 61, 62. **Architectural Design.** Autumn, Winter, Spring. M. 2:30-5:30. One hour credit each quarter. Morris.

Designs of such architectural features as used in the landscape will be studied and designed by students. Pergolas, arbors, retaining walls, garden houses, etc.

- 70, 71, 72. **Landscape Engineering and Construction.** Autumn, Winter and Spring. T. Th., 9:30. Laboratory Th. 2:30-5:30. Three hours credit each quarter. Morris.

Grades and grading, interpretation of topographical maps, road construction, drainage, erosion control; also the construction of certain architectural features. Cost estimates prepared. Prerequisites: Surveying 40 and 41, and courses 1 and 10.

- 80, 81, 82. Advanced Landscape Design.** Autumn, Winter, Spring. M. W., 2:30-5:30. Two hours credit each quarter. Morris.

The design of private and public grounds in relation to topography and natural features. Cost estimates prepared. Emphasis on civic design. (Prerequisites: courses 1, 24, 25, 70, 71, and 72.)

- 83. Recreational Planning.** Winter M. W. F., 2:30-5:30. Three hours credit. Morris.

The design of play areas, picnic grounds, and such places as provided by the Forest Service and National Parks for recreation.

- 91, 92, 93.** Autumn, Winter, Spring. One hour credit each quarter. Shaw. (See Horticulture 91, 92, 93.)

- 95. Planting Design.** Spring. T. Th. 2:30-5:30. Two hours credit. Morris.

The pictorial representation of planting plans. The student will use his training in free hand drawing, design, and plant materials for the execution of problems in this course. Prerequisites: courses: 52, and 80.

Graduate Courses

- 101. Special Problems in Design.** Autumn, Winter, Spring. Time and credit to be arranged. Morris.

This is a continuation of lower and advanced courses in design.

- 151, 152. Planting Design.**

- 170. Landscape Engineering.**

- 180, 181, 182. Advanced Landscape Design.**

LIBRARY

Miss Ollorton, Mrs. Brown, Miss Rich

- 11. Use of Books and Libraries.** Autumn, Winter or Spring. Th., 3:30. One hour credit.

The purpose of this course is to help students to become efficient in using books and libraries. The use of reference books and an understanding of the card catalogue will receive special emphasis.

MATHEMATICS

Professor Eyring, Marshall, Hales; Mr. Allred

Students who major in Mathematics have the following courses prescribed: Mathematics 11, 12, 13, 50, 51, 52, 71. A teaching major is the same as a Department major.

Lower Division Courses

11. **College Algebra.** Autumn. Daily. Sec. 1, 8:30; Sec. 2, 2:30. Five hours credit. Marshall and Allred.

A study of fractions, exponents and radicals, quadratic equations, logarithms, elementary series, determinants, etc.

12. **Plane Trigonometry.** Winter. Daily. Sec. 1, 8:30; Sec. 2, 2:30. Five hours credit. Hales and Allred.

13. **Analytic Geometry.** Spring. Daily, 8:30. Five hours credit. Allred.

A study of rectangular co-ordinates, straight line, circle, parabola, ellipse, hyperbola, transfer of co-ordinates, etc. Prerequisites: Mathematics 11 and 12.

34. **Commercial Algebra.** Autumn. M. W. F., 2:30. Three hours credit. Eyring.

A review and drill in the essentials of algebra and the application of it to commercial problems.

35. **Mathematical Theory of Investments.** Winter. M. W. F. 2:30. Three hours credit. Eyring. (See Accounting and Business Administration 35.) Prerequisite. Mathematics 34 or equivalent.

Application of algebra to general business problems such as annuities, amortization, capitalization, depreciation, sinking fund, bond values, and building and loan associations.

36. **Graphical and Statistical Methods.** Spring. M. W. F., 2:30. Three hours credit. Eyring. (See Accounting and Business Administration 36.)

The graphical representation of data, method of averages, measurement of variability, correlation, probable errors, etc.

Upper Division Courses

50. **Differential Calculus.** Autumn. M. T. W. Th., 9:30. Four hours credit. Marshall.

An introductory course with numerous applications of the principles of tracing of curves, and the solution of problems from geometry and mechanics. Prerequisite: Mathematics 13.

51. **Integral Calculus.** Winter. M. T. W. Th., 9:30. Four hours credit. Marshall.

The purpose and nature of integration is developed, Principles applied to problems in geometry, mechanics, and physics.

- 52. Integral Calculus.** Spring. M. T. W. Th., 9:30. Four hours credit. Marshall.

Development of the definite integral as a sum, together with development of the more theoretical aspects of the differential calculus.

- 71. Differential Equations.** Autumn. Daily, 2:30. Five hours credit. Hales.

Differential equations of the first order, linear differential equations, total and partial differential equations with numerous applications to physics. Junior or senior year. Prerequisite: Mathematics 52.

- 81. Theoretical Mechanics.** Winter. Daily, 8:30. Five hours credit. Hales. (Not given this year.)

Fundamental principles of mechanics and their applications to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

Graduate Courses

- 101. Vector Analysis.** Winter. M. W. F. Three hours credit. Marshall. (Not given this year.)

Fundamental operations of vector analysis.

- 102. Vector Analysis.** Spring. M. W. F. Three hours credit. Marshall. (Not given this year.)

Application of vector analysis to mechanics, electromagnetic theory, and other branches of mathematical physics.

- 105. Advanced Calculus.** Autumn. Daily. 8:30. Five hours credit. Marshall.

A review of the fundamental theory of the calculus presented with a view to precision of statement and accuracy of proof. Prerequisite: Mathematics 72.

- 106. Advanced Calculus.** Winter. Daily, 8:30. Five hours credit. Marshall.

Theory of differential equations, study of simple integrals, multiple integrals, and infinite integrals.

- 107. Advanced Calculus.** Spring. Daily. 8:30. Five hours credit. Marshall.

Study of some classes of functions defined by integrals; introduction to calculus of variations, and theory of functions.

Note: Courses 105, 106, and 107 will follow an outline somewhat as given in Wood's "Advanced Calculus."

- 171. Differential Equations.** Autumn. Daily, 9:30. Five hours credit. Hales.

192. **Readings in Mathematics.** Credit, one to three hours, depending on the work done. Marshall and Hales.
200. **Thesis in Mathematics.** Credit to be arranged.

MECHANIC ARTS

Professors Snell, Hansen, Larsen; Mr. Bigelow

For mechanic arts teachers, it advised that both major and minor be taken in this department.

Credit in shop courses in Mechanics is given on the basis of three hours for nine hours application each week during the quarter.

MECHANICS

Lower Division Courses

1. **Art Metal Work.** Winter. M. W. F. Two hours credit. Snell. Prerequisite: Drawing 1.
2. **Art Leather Work.** Spring. M. W. F. Two hours credit. Snell. Prerequisite: Drawing 1.
4. **Shop Practice.** Autumn. Daily, 1:30-3:30. Three hours credit. Snell.

The making of projects suitable for junior and senior high school instruction in sheet metal, cold iron, and electrical lighting circuits, buzzers, bells, heating elements, etc.

5. **Ornamental Iron Work.** Autumn. T. Th., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Craftsmanship in wrought iron work. Designing, cutting, sawing, bending, drilling, tapping, threading, finishing, etc. Lectures and outside preparation.

6. **General Construction.** Autumn, Winter, Spring. Daily, 1:30-3:30 or 3:30-5:30. Three hours credit. Snell.

Review of tool processes and tool sharpening, survey of common building materials, billing and ordering, cement forming and framing applied in simple structures.

7. **Tool Technique.** Autumn, Winter, Spring. M. W. F., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Required of all mechanics majors. Sharpening, care and use of woodworking hand tools, applied in fundamental principles of sawing, joining, fitting, fastening, etc.

11. **Elementary Auto Mechanics.** Autumn. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction of the automobile and an elementary study of the principles involved. Lubrication, assembling and repairing of brakes, rear axles, transmission systems and engines.

12. **Elementary Auto Mechanics.** Winter. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Construction and adjustment of carburetors and ignition system.

13. **Elementary Auto Mechanics.** Spring. Daily, 9:30-11:30, 1:30-3:30. Two or three hours credit. Bigelow.

Ignition, timing, "trouble shooting," battery work and starting and lighting systems.

17. **Wood Turning.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Exercises and projects in wood turning executed through individual designs.

18. **Pattern Making.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

The principles of pattern making are taught through the making of simple patterns for machine parts.

19. **Wood and Metal Finishing.** Autumn, Winter, Spring. M. W. F., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Preparation of surfaces for the application of finishes. Staining, painting, varnishing, lacquering, polishing, etc. Use of the brush and air gun.

21. **Upholstering and Seat Weaving.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Typical forms of upholstery, including foundations with and without springs. Seat and panel weaving with cane and fiber.

23. **Cement.** Spring. Daily, 2:30-5:30. Three hours credit. Snell.

Cement, mixes, tests, forming, finishing, etc., in structural and ornamental projects.

27. **Cabinet Construction.** Autumn. Daily or M. W. F., 1:30-3:30, 3:30-5:30. Two or three hours credit. Snell.

Drawings are submitted and the article is made to conform to these. Woods commonly used in cabinet work are studied as to their adaptability and finishing qualities; veneering, inlaying and polishing.

28. **Cabinet Construction.** Winter. Daily or M. W. F., Snell.
Continuation of 27.

29. **Cabinet Construction.** Spring. Daily or M. W. F., 1:30-3:30. Snell.

Continuation of 28.

Upper Division Courses

51. **Ignition.** Autumn. Daily, 3:30-5:30. Two or three hours credit. Bigelow.

Battery and magneto ignition. Study and practice of the principles involved in testing for troubles and making adjustments.

52. **Generators and Starting Motors.** Winter. Hours and credits as in 51. Bigelow.

The working principles of the dynamo, and testing for shorts and open circuits. Reverse current cutouts, types of generator regulation as third brush control systems and generator output.

53. **Machine Work and Welding.** Spring. Hours and credit the same as in 51. Bigelow.

Drill-press, lathe, and planer work. Principles of cutting tools, forging and tool sharpening. The use of the torch in cutting and welding.

57. **Standard Construction Methods.** Autumn. M. W. F., 8:30. Three hours credit. Snell.

This course deals with the theoretical side of building. Location, soil conditions, footings, materials, equipment, etc.

58. **Carpentry.** Autumn, Winter, Spring. Daily, 3:30-5:30. Three hours credit. Snell.

Thorough drill in saw filing. Tool practice applied in practical problems. Fitting and hanging doors and windows, built-in cabinets, stair construction and framing. Prerequisite: Course 7, and Drawing 13.

59. **Estimating.** Spring. M. W. F., 8:30. Three hours credit. Snell.

Interpretation of plans and specifications. Methods of estimating and figuring costs of material and labor. Permits, contracts, liens. Prerequisite: Drawing 13.

64. **Mill Work—Woodworking Machinery.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Work will be handled as nearly as possible as in actual practice. Estimates and working drawings will be made and a careful check of material and labor kept and computed for each job.

- 65, 66, 67. Shop Work.** Autumn, Winter, Spring. Daily or M. W. F., 1:30-3:30 or 3:30-5:30. Two or three hours credit. Snell.

Advanced work, consisting of the erection of buildings, cabinet work, upholstering, pattern work, or novelty work. Prerequisites: Courses 57, 58, 59, or their equivalent.

DRAWING

While courses are listed according to quarters, any course may be taken any quarter, provided prerequisites have been met.

Lower Division Courses

- 1. Theory and Practice of Design.** Autumn. M. W. F.. 1:30. Two hours credit. Larsen. (See Art 21.)

- 2. Elements of Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

This course is designed to give facility in lettering, drawing of simple working drawings, charts, graphs, making sketches and reading drawings.

- 3. Free-hand Lettering.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practice in lettering as applied in architectural and engineering office work.

- 4. Engineering Drawing.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. One to three hours credit. Snell.

The care and use of instruments, lettering, applied geometry, and orthographic projection.

- 5. Engineering Drawing.** Autumn. Winter, Spring, Daily, 9:30 or 10:30. One to three hours credit. Snell.

Pictorial representation, developed surfaces, intersections, and working drawings. Prerequisites: Drawing 4 or equivalent.

- 6. Descriptive Geometry.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. One to three hours credit. Snell.

A study of the principles relating to the point, line plane, cylinder, cone and double-curved surfaces of revolution, with application to practical problems. Prerequisites: Drawing 4 and 5.

- 8. Elementary Machine Design.** Autumn. Daily, 9:30 or 10:30. Two hours credit. Snell.

Drawing of machine fastenings, such as bolts, screws, rivets, keys, etc. Dimensionings, working drawings and technical sketching. Detail and blueprints. Prerequisites: Drawing 4, 5, 6.

9. **Elementary Machine Design.** Winter. Daily, 9:30 or 10:30. Two hours credit.
Continuation of 8.
10. **Shades and Shadows.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
Planned to give fundamental knowledge necessary for casting shadows in architectural design.
11. **Instrumental Perspective.** Autumn, Winter, or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
The theory and application of methods of drawing architectural perspectives.
12. **Rendering.** Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
Wash rendering practice plates and rendering of architectural elements.
13. **Architectural Drawing.** Autumn Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
Drawing of plans, elevations, and details of different types of buildings. Tracing and blue-printing. Prerequisites: Drawing 4, 5 and 6, or equivalent.
14. **Architectural Drawing.** Winter. Daily, 9:30 or 10:30. Two hours credit.
Continuation of 13.
15. **Architectural Drawing.** Spring. Daily, 9:30 or 10:30. Two hours credit.
Continuation of 14.
19. **Topographical Drawing.** Autumn, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
Practical elementary work in topographical drawing. Mapping and plotting from field notes.
- 26, 27, 28. **Architectural Design.** Autumn, Winter, Spring. Daily, 9:30 or 10:30. Extra laboratory period arranged any afternoon. Two or three hours credit each quarter. Snell.
A series of order problems involving the study of the principles of composition. Problems similar to Class B Analytiques of the Beaux-Arts Institute of Design will be followed. Prerequisites: Drawing 6, 10, 11, 12.
30. **Mechanism.** Autumn, Winter or Spring. Daily, 9:30-10:30. Three hours credit.
A study of mechanical movements, including transmission of motion by link work, gearing, cams, and belting.

Upper Division Courses

- 51, 52, 53. Architectural Design.** Autumn, Winter, Spring. Daily, 9:30-10:30. Extra laboratory periods arranged any afternoon. Three hours credit each quarter. Snell.

Designing, rendering, detailing, tracing, and blue-printing. A complete set of plans with one display drawing each quarter. Prerequisites: Drawing 16, 17 and 18.

ENGINEERING**Lower Division Courses**

- 40, 41, 42. Elementary Surveying.** Autumn, Winter, Spring. M. W. F., Two hours credit each quarter. Prerequisites: Trigonometry and Drawing 4, 5, 6.

Methods of using the compass, tape, level and transit in making plain surveys, differential leveling, profile and cross-section work, curves, grades, computations, and platting.

Upper Division Courses

- 63. Geology of Ground Water.** Daily, 8:30. Five hours credit. (See Geology 92.) Dennis.

MODERN AND CLASSICAL LANGUAGES

Professors Cummings, De Jong, Sperry; Associate Professor Swensen; Assistant Professors Black, Roberts;

Miss Osmond, Mr. Broadbent, Mr. Richardson,

Mr. Lee, Mr. Valentine, Mr. Van

Wagoner

The department offers in French, Spanish and German programs leading to a teaching minor and a teaching major; and, in French and German, graduate programs leading to a Master of Arts degree. Students specializing in this field are advised to offer two units of high school work in the chosen language. Graduate majors are advised to offer Latin.

If the department's recommendation for teaching is desired, courses above 50 totaling twenty hours including Phonetics 42, are required for a minor; courses above 50, totaling 30 hours, including Phonetics 42, are required for a major. English 29 is recommended.

For a Master of Arts degree in French or German, 40 hours of undergraduate work in the language is prerequisite. The following requirements are made: 1. The passing of a qualifying examination in the language and literature to be

studied as well as in the field of general culture. 2. The satisfactory completion of 24 hours of work in the chosen language. 3. A final written examination on this work. 4. The oral examination given under the direction of the Graduate School. 5. Courses covering the general field of literature and elementary philology. 6. A satisfactory thesis either in the field of philology or of literature.

FRENCH

Lower Division Courses

- 1, 2, 3. **First Year French.** Autumn, Winter Spring. Daily, 8:30, Lee; 9:30, Cummings; and 1:30, Roberts. Five hours credit each quarter.

Designed for those who have had no French. Pronunciation, reading, the fundamentals of grammar and the building of a substantial reading vocabulary.

Upper Division Courses

- 51, 52, 53. **Second Year French Grammar and Composition.** Autumn, Winter, Spring. T. Th., 2:30. Two hours credit each quarter. Roberts.

Review of grammar. Conversation and composition. Prerequisite: French 3 or two units of French in high school.

- 54, 55, 56. **Second Year French Reading.** Autumn, Winter, Spring. M. W. F., 9:30, Lee; 2:30 Roberts. Three hours credit each quarter.

The various language skills, viz., reading, understanding, speaking and grammar. Reading both intensive and extensive. Prerequisite: French 1, 2, 3, or two units of French in high school.

- 61, 62, 63. **Third Year French Composition and Conversation.** Autumn, Winter, Spring. M. W. F., 3:30. Two hours credit each quarter. Cummings. Prerequisite: Thirty hours of French or the consent of the instructor.

- 64, 65, 66. **Third Year French Reading.** Autumn, Winter, Spring. T. Th., 9:30. Two hours credit each quarter. Lee.

Basic tests for intensive classroom study and an abundance of reading from standard French literature to be done outside the class and reported. Prerequisite: At least 24 hours credit or equivalent of French.

- 73, 74, 75. **Introduction to French Literature and Culture.** Autumn, Winter, Spring. M. W. F., 10:30. Three hours credit. Roberts.

A general view of the literary periods, movements, and social background, with representative readings. Prerequisites: Thirty hours of French or the consent of the instructor.

- 81, 82, 83. **Fourth Year French Composition.** Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Cummings. (Not given this year.)

Graduate Courses

145. **French Romanticism.** Winter. T. Th., 3:30. Three hours credit. Roberts. (Not given this year.)
148. **French Criticism.** Autumn, M. W. F., 3:30. Three hours credit. Cummings.
153. **Voltaire.** Spring. T. Th., 11:30. Three hours credit. Osmond.
155. **Victor Hugo.** Spring. T. Th., 3:30. Three hours credit. Roberts. (Not given this year.)
- 161, 162, 163. **French Classical Drama.** Autumn, Winter, Spring. T. Th., 3:30. Two hours credit each quarter. Roberts.
164. **French Drama from 1800 to the Present.** Winter, M. W. F., 3:30. Three hours credit. Cummings.
167. **French Novel from 1800 to the Present.** Spring. M. W. F., 3:30. Three hours credit. Cummings.
171. **Old French Literature.** Autumn. T. Th., 11:30. Three hours credit. Osmond. (Not given this year.)
172. **French Literature of the Renaissance.** Winter. T. Th., 11:30. Three hours credit. Osmond. (Not given this year.)
- 173, 174, 175. **French Literature of the Seventeenth, Eighteenth and Nineteenth Centuries.** Autumn, Winter, Spring. M. W. F., 10:30. Three hours credit each quarter. Roberts.
- 181, 182, 183. **Fourth Year French Composition.** Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Cummings.
191. **Introduction to the Science of Language.** Spring. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)
192. **Introduction to Romance Philology.** Autumn. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)
193. **Introduction to Old French.** Autumn. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)

- 194, 195. **Historical French Grammar.** Autumn, Winter. M. W. F. 3:30. Three hours credit each quarter. Cummings. (Not given this year.)
196. **History of the French Language.** Spring. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)
197. **French Phonetics.** Winter. M. W., F. 3:30. Three hours credit. Cummings. (Not given this year.)
200. **Research for Master's Thesis.**

SPANISH

Lower Division Courses

- 1, 2, 3. **First Year Spanish.** Autumn, Winter, Spring. Daily, 2:30. Five hours credit each quarter. Valentine.

Designed for those who have not had Spanish. Pronunciation, reading, and the fundamentals of grammar. Special emphasis on the building of a substantial reading vocabulary.

Upper Division Courses

- 51, 52, 53. **Second Year Spanish Grammar and Composition.** Autumn, Winter, Spring. T. Th., 1:30. Two hours credit each quarter. Richardson.

Review of grammar. Composition and conversation. Prerequisite: Spanish 3 or two units in high school.

- 54, 55, 56. **Second Year Spanish Reading.** Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. Richardson.

The various language skills, viz., reading, understanding, speaking, grammar. Reading intensive and extensive. Prerequisite: Spanish 3, or fifteen hours of Spanish or two units of Spanish in high school.

- 61, 62, 63. **Third Year Spanish Composition and Conversation.** Autumn, Winter, Spring. T. Th., 3:30. Two hours credit each quarter. Cummings. Prerequisite: Thirty hours of Spanish. (Not given this year.)

- 64, 65, 66. **Third Year Spanish Reading.** Autumn, Winter, Spring. M. W. F., 3:30. Two hours credit each quarter. Osmond. (Not given this year.)

Basic tests for intensive classroom study and an abundance of reading from standard Spanish literature to be done outside the class and reported. Prerequisite: At least twenty-four hours credit or the equivalent of Spanish.

- 73, 74, 75. **Introduction to Spanish Literature and Culture.** Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit each quarter. Richardson.

A general view of the literary periods, movements and social background, with representative readings. Prerequisite: thirty hours of Spanish or the consent of the instructor.

Graduate Courses

- 147. **Spanish American Literature.** Spring, M. W. F., hour to be arranged. Three hours credit. Cummings.
- 164. **Spanish Drama.** Autumn, M. W. F., hours to be arranged. Three hours credit. Cummings.
- 167. **Spanish Novel.** Winter, M. W. F., hour to be arranged. Three hours credit. Cummings.
- 173, 174, 175. **Spanish Literature of the Seventeenth, Eighteenth and Nineteenth Centuries.** Autumn, Winter, Spring, M. W. F., hours to be arranged. Three hours credit each quarter. Cummings.

ITALIAN

- 1, 2, 3. **Elementary Italian.** Autumn, Winter, Spring. M. W. F., 1:30. Five hours credit each quarter. Cummings.

Introduction to the elements of grammar. Special attention to accurate pronunciation for the benefit especially of students of vocal music. Easy reading.

GERMAN

Lower Division Courses

- 1, 2, 3. **First Year German.** Autumn, Winter, Spring. Daily, Sec. 1, 8:30, Osmond; Sec. 2, 9:30, De Jong, and Sec. 3, 10:30, Osmond. Five hours credit each quarter.

Designed for those who have had no German. Pronunciation, reading and the fundamentals of grammar, the building up of a substantial reading vocabulary.

Upper Division Courses

- 51, 52, 53. **Second Year German Grammar and Composition.** Autumn, Winter, Spring. T. Th., 8:30. Two hours credit each quarter. De Jong.

Review of grammar. Composition and conversation. Prerequisite: German 3 or two units of German in high school.

- 54, 55, 56. **Second Year German Reading.** Autumn, Winter, Spring. M. W. F., Sec. 1, 8:30, De Jong; and Sec. 2, 2:30, Osmond. Three hours credit each quarter.

Comprehensive study of grammar. Conversation and composition. Reading from the general field. Prerequisite: German 3 or fifteen hours of German, or two units of German in high school.

- 61, 62, 63. **Third Year German Composition and Conversation.** Autumn, Winter, Spring. T. Th., 3:30. Two hours credit each quarter. De Jong. Prerequisite: Twenty-four hours of German or the consent of the instructor.
- 64, 65, 66. **Third Year German Reading.** Autumn, Winter, Spring. T. Th., 2:30. Two hours credit each quarter, DeJong.
- Basic texts for intensive classroom study and an abundance of reading from standard German literature to be done outside the class and reported. Prerequisite: At least twenty-four hours credit or the equivalent
- 73, 74, 75. **Introduction to German Literature and Culture.** Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit each quarter. De Jong.
- A general view of the literary periods, movements, and social background, with representative readings. Prerequisite: Thirty hours of German or the consent of the instructor.
- 81, 82, 83. **Fourth Year German Composition.** Autumn, Winter, Spring. T. Th., 1:30. Three hours credit each quarter. De Jong. (Not given this year.)

Graduate Course

151. **Lessing.** Autumn. M. W., 4:30. Two hours credit. De Jong.
152. **Schiller.** Winter. M. W., 4:30. Two hours credit. De Jong.
153. **Goethe.** Spring. M. W., 4:30. Two hours credit. De Jong.
154. **Kleist and Grillparzer.** Autumn. M., 4:30. Two hours credit. De Jong. (Not given this year.)
155. **Hebbel and Ludwig.** Winter. M., 4:30. Two hours credit. De Jong. (Not given this year.)
156. **Hauptmann and Sundermann.** Spring. M., 4:30. Two hours credit. De Jong. (Not given this year.)
164. **German Drama from 1800 to the Present.** Three hours credit. De Jong. (Not given this year.)
167. **German Novel from 1800 to the Present.** Three hours credit. De Jong. (Not given this year.)
- 173, 174 175. **History of German Literature.** Autumn, Winter, Spring. M. W. F., 3:30. Three hours credit each quarter. De Jong.
- 181, 182, 183. **Fourth Year German Composition.** Autumn, Winter, Spring. T. Th., 1:30. Two hours credit each quarter. De Jong.

191. **Introduction to the Science of Language.** Spring. M. W. F., 3:30. Three hours credit. Cummings. (Not given this year.)
192. **Gothic.** Autumn. M. T. W. Th., 4:30. Four hours credit. De Jong.
Introduction to the study of Gothic. General introduction to Germanic Philology. Reading from the Gothic Bible.
193. **Old High German.** Winter. M. T. W. Th., 4:30. Four hours credit. De Jong.
194. **Middle High German.** Spring. Time to be arranged. Four hours credit. De Jong.
Reading of selected Middle High German texts.
200. **Research for Master's Thesis.**

LATIN

Lower Division Courses

- 1, 2, 3. **First Year Latin.** Autumn, Winter, Spring. Daily. 9:30. Five hours credit each quarter. Van Wagoner.

Designed for those who have had no Latin. Mastery of pronunciation, declensions and conjugations. Correlation of Latin originals with English derivatives. Graded reading. Characteristics of Roman civilization.

Upper Division Courses

- 54, 55, 56. **Advanced Latin.** Autumn, Winter, Spring. M. W. F., 10:30. Three hours credit each quarter. Black.

Comprehensive study of grammar, Composition, Reading from the classics. Prerequisite: Latin 3 or two units of Latin in high school.

GREEK

Lower Division Courses

- 51, 52, 53. **First Year Greek.** Autumn, Winter, Spring. M. W. F., 8:30. Three hours credit each quarter. Swensen.

Designed for those who have had no Greek. The fundamentals of Greek syntax, declensions, and conjugations. Reading in the Greek New Testament. Hellenistic culture and its literary productions.

Upper Division Courses

- 54, 55, 56. **Second Year Greek.** Autumn, Winter, Spring. M. W. F., Three hours credit each quarter. Swensen.

Translation, readings from the Greek New Testament, Epictetus, and Xenophon. Comparison and contrast of the

classical and Hellenistic literary and grammatical forms.
Prerequisites: Greek, 1, 2, 3, or the equivalent.

HEBREW

51, 52, 53. First Year Hebrew. Autumn, Winter, Spring. Daily, 1:30. Five hours credit each quarter. Sperry.

A beginning course. The elements of Hebrew grammar. Translation and simple composition.

54, 55, 56. Second Year Hebrew. Autumn, Winter, Spring. M. W. F., 2:30. Three hours credit each quarter. Sperry.

Advanced grammar and readings from the books of Genesis, Deuteronomy, Samuel and Kings.

64, 65, 66. Third Year Hebrew Reading. Autumn, Winter, Spring. T. Th., 2:30. Two hours credit. Sperry.

Selected readings from Hebrew literature.

Graduate Courses

151, 152, 153. Beginning Hebrew. Autumn, Winter, Spring, Daily, 1:30. Five hours credit each quarter. Sperry.

The fundamentals of Hebrew grammar. Exercises in reading, translation and simple composition leading to ability to make clear interpretation of texts.

157, 158, 159. Readings from Hebrew Prophetic and Wisdom Books. Autumn, Winter, Spring. Hours to be arranged. Two hours credit each quarter. Sperry.

161, 162, 163. Advanced Hebrew Readings.. Autumn, Winter, Spring. Hours to be arranged. Three hours credit each quarter. Sperry.

167, 168, 169. Advanced Hebrew Readings. Autumn, Winter, Spring. Hours to be arranged. Two hours credit each quarter. Sperry.

PHONETICS

Lower Division Course

42. Practical Phonetics. Autumn, or Winter. T. Th., 1:30. Two hours credit. De Jong.

The elementary principles of speech mechanics in their relation to correct diction. This course correlates with courses in the Modern Languages, Speech, and Vocal Music.

MUSIC

Professors Jepperson-Madsen, Robertson, Madsen, De Jong, Sauer; Assistant Professors Hanson, Halliday; Miss Summerhays, Mr. Condie, Mr. Buggert, Mr. Nelson, Mr. Fitzroy, Mrs. Packard, Mr. Keeler, Miss McGregor.

Those who major in the Department of Music must complete the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 31; 61; 71; 72, 73; 81; Piano, 3 hours; Vocal Culture, 3 hours; and Vocal or Instrumental Ensemble, 6 hours. Those preparing to teach should also take Theory of Music 90 and 91. These requirements are subject to change where conditions warrant individual consideration.

The work presented by those who minor in the Department of Music should include the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 31; 90, and 91.

Private courses are indicated by -p. In the instrumental division, the letter immediately following the number indicates the instrument; e. g., 7 p-p means course 7, private piano; 3-t-p means course 3, private trombone, etc.

THEORY OF MUSIC

Lower Division Courses

11, 12, 13. Solfeggio. Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Summerhays.

The study of notation, intervals, diction, and sight-singing.

21, 22, 23. Harmony. Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Robertson.

Intervals; primary and secondary triads; dominate seventh and ninth chords, diminished seventh chords; open harmony.

31, 32, 33. Philosophy and Appreciation of Music. Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Madsen.

The important philosophies of music and musicians; the philosophy of the elements of music, musical structure, musical compositions, musical values.

Upper Division Courses

61, 62, 63. Solfeggio. Autumn, Winter, Spring. T. Th., Two hours credit each quarter. Summerhays.

Prerequisite: Theory of Music 13. Training in advanced sight singing.

- 71, 72, 73. **Harmony.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Robertson.

Prerequisite: Theory of Music 23. Modulation; secondary seventh and altered chords; non-harmonic tones; modern harmony, form and analysis.

- 81, 82, 83. **History.** Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Madsen.

Alien musical systems, ancient and modern. Medieval and modern music.

90. **Public School Methods.** Autumn, Winter, Spring. M. W. F. Three hours credit. McGregor.

Special technique of instruction and materials for the grades; class demonstrations and supervised teaching. Prerequisite: Theory of Music 11.

91. **High School Methods.** Winter. T. Th. Two hours credit. Hanson.

Special technique of instruction and materials for the junior and senior high schools. This course should precede or accompany Secondary Education 54.

- 92, 93. **Counterpoint.** Autumn, Winter. T. Th. Two hours credit each quarter. Madsen.

An elementary course in counterpoint.

94. **Composition.** Spring. T. Th. Two hours credit. Madsen.

An elementary course in composition in the smaller forms. Prerequisites: Theory of Music 73, 93.

95. **Instrumentation.** Winter. T. Th. Two hours credit. Sauer.

A practical course for high school teachers and supervisors in arranging for band and orchestra.

- 96, 97, 98. **Orchestra and Band Instruments.** Autumn, Winter, Spring. One or two hours credit each quarter. Sauer. Buggert.

For music majors in their junior or senior years. Practical experience with string, woodwind, and brass instruments for prospective high school music teachers.

Graduate Courses

- 121, 122, 123. **Counterpoint.** Autumn, Winter, Spring. Three hours credit each quarter. Robertson, Madsen.

Strict and free counterpoint in the various species. Modal counterpoint. Prerequisite: Theory of Music 73.

- 124, 125, 126. **Canon and Fugue.** Autumn, Winter, Spring. Three hours credit each quarter. Robertson, Madsen. Prerequisite: Theory of Music 123.

- 127, 128, 129. Instrumentation.** Autumn, Winter, Spring. Three hours credit each quarter. Robertson.
Study of orchestra instruments; arranging for chamber combinations, string and symphony orchestra. Prerequisite: Theory of Music 73.
- 163. Harmony.** Spring. Three hours credit. Halliday. Prerequisite: Theory of Music 73. An intensive study of modulation. (Not given this year.)
- 181, 182, 183. Composition.** Autumn, Winter, Spring. Three hours credit each quarter. Robertson and Madsen. Prerequisites: Theory of Music 73 and 123.
- 200. Research for Master's Thesis.** Credit to be arranged.

INSTRUMENTAL MUSIC

Lower Division Courses

- 1, 2, 3; 4, 5, 6. Band.** Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.
Admission by consent of director.
- 7, 8, 9; 10, 11, 12. Orchestra.** Autumn, Winter, Spring. Daily. One hour credit each quarter. Robertson.
Admission by consent of director.
- 13, 14, 15; 16, 17, 18. String Ensemble.** Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Buggert.
- 19, 20, 21; 22, 23, 24. Band Ensemble.** Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Sauer.
- 1, 2, 3; 4, 5, 6p-p. Piano.** Autumn, Winter, and Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Keeler.
- 7, 8, 9p-p. Piano Ensemble.** Autumn, Winter, Spring. One hour credit each quarter. Nelson.
The fundamentals of ensemble playing. Four, six, and eight hand arrangements.
- 10p-p. Piano Pedagogy.** Any quarter. One hour credit. Nelson. Hanson, Fitzroy.
Methods and problems of piano teaching in the elementary grades.
- 1, 2, 3; 4, 5, 6v-p. Violin.** Autumn, Winter, Spring. One hour credit each quarter. Robertson.
- 1, 2, 3; 4, 5, 6c-p. Cornet.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 1, 2, 3b-p. Baritone.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.

- 11, 12, 13b-p. **Bassoon.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 21, 22, 23b-p. **Bass (Tuba.)** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 11, 12, 13; 14, 15, 16c-p. **Clarinet.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 1, 2, 3d-p **Drums and Timpani.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 1, 2, 3f-p. **Flute.** Autumn, Winter, Spring. One hour credit each quarter. Nelson.
- 11, 12, 13f-p. **French Horn.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 1, 2, 3o-p. **Oboe.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 11, 12, 13o-p. **Organ.** Autumn, Winter, Spring. One hour credit each quarter. De Jong, Keeler.
- 1, 2, 3; 4, 5, 6s-p. **Saxophone.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 11, 12, 13s-p. **String Bass.** Autumn, Winter, Spring. One hour credit each quarter. Sauer, Buggert.
- 1, 2, 3; 4, 5, 6t-p. **Trombone.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 11, 12, 13v-p. **Viola.** Autumn, Winter, Spring. One hour credit each quarter. Robertson.
- 21, 22, 23; 24, 25, 26y-p. **Violoncello.** Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Upper Division Courses

- 51, 52, 53; 54, 55, 56. **Concert Band.** Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.
Admission by consent of the director.
- 57, 58, 59; 60, 61, 62. **Symphony Orchestra.** Autumn, Winter, Spring. Daily. One hour credit each quarter. Robertson.
Admission by consent of director.
- 51, 52, 53; 54, 55, 56p-p. **Pianp.** Autumn, Winter, Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy, Keeler.
- 63, 64, 65; 66, 67, 68. **String Ensemble.** Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Buggert.
- 69, 70, 71; 72, 73, 74 **Band Ensemble.** Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Sauer.

- 51, 52, 53; 54, 55, 56v-p. **Violin.** Autumn, Winter, Spring. One hour credit each quarter. Robertson.
- 51, 52, 53; 54, 55, 56c-p. **Cornet.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 61, 62, 63; 64, 65, 66c-p. **Clarinet.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 61, 62, 63; 64, 65, 66o-p. **Organ.** Autumn, Winter, Spring. De Jong, Keeler.
- 61, 62, 63; 64, 65, 66s-p. **String Bass.** Autumn, Winter, Spring. One hour credit each quarter. Sauer, Buggert.
- 63-p-p. **Piano Pedagogy.** Spring. One hour credit. Nelson.
Prerequisite: 10p-p. Methods and problems of piano teaching in the higher grades.
- 51, 52, 53t-p. **Trombone.** Autumn, Winter, Spring. One hour credit each quarter. Sauer.
- 71, 72, 73; 74, 75, 76v-p. **Violoncello.** Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Graduate Courses

- 101, 102, 103-p. **Instrumental.** Autumn, Winter, Spring. One hour credit each quarter.
Advanced instruction on any of the standard instruments.

VOCAL MUSIC

Lower Division Courses

- 1, 2, 3; 4, 5, 6-p. **Vocal Culture.** Private or in groups. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Condie, Packard.
- 13, 14, 15; 16, 17, 18. **Ladies Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen.
Open to inexperienced singers. This course also provides participation in Mixed Chorus.
- 13, 14, 15; 16, 17, 18. **Male Glee Club.** Autumn, Winter, Spring. One hour credit each quarter. Madsen.
Open to inexperienced singers. This course also provides participation in Mixed Chorus.
- 21, 22, 23; 24, 25, 26. **Concert and Opera Chorus.** Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen. Admission by consent of directors.
42. **Phonetics.** Autumn or Winter. T. Th., 1:30. Two hours credit. De Jong. (See Phonetics 42 in Department of Modern and Classical Languages.)

Upper Division Courses

51, 52, 53; 54, 55, 56-p. Vocal Culture. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Condie, Packard.

63, 64, 65; 66, 67, 68. Ladies Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen.

Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.

63, 64, 65; 66, 67, 68. Male Glee Club. Autumn, Winter, Spring. One hour credit each quarter. Madsen.

Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.

71, 72, 73, 74, 75, 76. Concert and Opera Chorus. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen. Admission by consent of directors.

Graduate Courses

111, 112, 113-p. Vocal Culture. Autumn, Winter, Spring. One hour credit each quarter.

Advanced instruction in vocal culture.

PHYSICAL EDUCATION

Professor Hart; Associate Professor Kimball; Dr. Cullimore, Dr. Oaks; Assistant Professor Holbrook; Mr.

Dixon, Miss Burton, Mr. Millet, Mr.

Crowton, Mr. Soffe.

The purpose of the department is primarily to conserve the health and vitality of the students, to establish correct motor habits and to educate for wholesome and efficient living. To offset the undesirable effects of sedentary school life, vigorous activity in the form of games, gymnastics and competitive athletics are offered.

A thorough physical and medical examination will be given each new student upon entering the institution. All freshmen are required to take Physical Education 1, 4, 5, and 6.

Upper classmen who are not taking physical education for credit are urged to engage in some form of physical exercise. Abundant opportunity is offered for participation in games, sports, hikes, gymnastics, athletics, and dancing.

All students whether enrolled in regular classes in physical education or on regular athletic squads are invited and urged to use the physical training and athletic facilities of the institution whenever they are available.

Students using the towel service are required to make a 25 cent deposit by purchasing a towel check. The towel check is exchangeable for towel service during regular school hours. Towel checks are redeemable at any time.

Students registered for physical education activity courses are required to provide themselves with the official uniform which may be purchased at the University book store. Also they are required to provide themselves with basket locker and approved combination padlock.

An extensive program of intramural sports for both men and women is sponsored and supervised by the department.

The department also offers professional courses which are designed to prepare teachers and directors in physical education, directors of athletics, supervisors of dancing and leaders in play and other forms of social and recreational activities.

Students interested in play and recreation are referred to the following courses: Physical Education 7, 8, 9, 14, 15, 17, 18, 19, 21, 22, 24, 25, 26, 31, 42, 54, 71; Art 21, 25, 26; Botany 3; Education 64, 65, 66; Mechanic Arts 1, 2; Physics 16, 26; Religious Education 74; Speech 1, 2, 72.

Students interested in health education work are referred to Physical Education 1, 58, 88, 91, 95; Zoology 45, 65; Foods and Nutrition 5, 53, 54, 55.

Major and Minor Requirements in Physical Education

Both men and women students majoring or minoring in Physical Education are required to take the following foundational courses:

Chemistry 1 or 4, Zoology 45, Psychology 11 and 51 or 74, Bacteriology 21, Sociology 11 or 61, Physics 11, Foods and Nutrition 5, and for those who wish to qualify for a teacher's certificate such courses in Secondary Education as will satisfy the State Board of Education.

In addition to the foregoing the following courses in the department of Physical Education are required:

In the Men's Department:

Major Requirements:

Physical Education 7, 8, 9.

Physical Education 88, 90, 91, 93, 94, 95, 96.

Two of the following courses: Physical Education 14, 15, 17, 18, 19, 20.

Minor requirements:

Physical Education 7, 8, 9; 51 or 52 or 53.

Physical Education 71 or 73; 90, 91, 93, 96.

In the Women's Department:

Major Requirements:

Physical Education 7, 8, 9,

Physical Education 26, 27, 28 (one quarter.)

Physical Education 31 and 32, or 32 and 33.

Physical Education 54, 55, 56.

Physical Education 61 and 62, or 62 and 63, 65, 71, 73.

Physical Education 88, 90, 91, 93, 94, 95, 96.

Two of the following: Physical Education 14, 15, 19, 20, 24, 42, 60.

Minor requirements:

Physical Education 7, 8, 9.

Physical Education 26, 27, 28 (one quarter.)

Physical Education 31, 32, 33 (two quarters), 42.

Physical Education 54, 55, 56 (any two quarters).

Physical Education 73, 90, 91, 93.

Lower Division Courses

1. **Personal Hygiene.** Autumn, Winter or Spring. T. Th., 1:30. One hour credit. Cullimore, Oaks, Merrill.

This course is required of all freshmen students. The course is designed to present in a popular manner problems concerning personal hygiene and proper health habits. Credit in this course does not substitute for Freshman Physical Education activity requirements.

- 4, 5, 6. **Elementary Physical Education.** Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Women's sections at 10:30, 2:30, 3:30. Men's sections 9:30, (Tumbling) 10:30; 1:30 (Boxing); 2:30; 3:30.

These courses will include games, and a variety of athletic and gymnastic activities, and are required of all freshmen.

7. **Autumn Activities.** (Men) Autumn. M. W. F., 8:30. One hour credit. Millet.

This course plans a development of fundamental skills in soccer, touch football, speed ball, badminton, quoitennis.

7. **Autumn Activities. Soccer, Speedball, Hockey, and Badminton.** (Women) Autumn. M. W. F., 4:30. One hour credit. Holbrook.

A progressive development in the above. Autumn team sports will be followed, with emphasis upon the attainment of fundamental skills. Majors and minors in physical education should take this course with Physical Education 54.

- 8. Winter Activities.** (Men) Winter. M. W. F., 8:30. One hour credit. Millet.

Technique and skill will be developed in the following activities: volley ball, tumbling, horizontal and parallel bars, the horse, and the flying rings.

- 8. Winter Activities. Basketball and Volleyball...** (Women) Winter. M. W. F., 4:30. One hour credit. Holbrook.

Emphasis will be given to the following items: Skill development, offensive and defensive playing, developing team play, rules, and officiating. Majors and minors in physical education should take this course with Physical Education 55.

- 9. Spring Activities.** (Men) Spring. M. W. F., 9:30-11:30. One hour credit. Staff.

Emphasis will be placed on knowledge of rules and techniques and the development of skills in certain gymnastic games, softball, horseshoe pitching, rope work, etc.

- 9. Spring Activities. Baseball, Track and Field.** (Women) Spring. M. W. F., 4:30. One hour credit. Holbrook.

Theory will be applied to baseball to develop a better game. The best practices in track and field will be employed to develop ease in motion in track and field events. Novelty races and "play day" devices and events will be introduced. Majors and minors in Physical Education should take this course with Physical Education 56.

- 14. Archery.** Autumn, Spring. M. W. F., 1:30. One hour credit. Holbrook.

The course aims to develop individual techniques, providing experience in various types of tournaments and related archery activities.

- 15. Tumbling.** (Men) Autumn, Winter. M. W. F., 9:30. One hour credit. Millet.

- 15. Tumbling, Pyramid Building and Stunts.** (Women) Winter. T. Th., 8:30. One hour credit. Holbrook.

Simple tumbling events in keeping with beginners' ability will be taught as foundation work. Other items will be given to develop skill and coordination for the fun and satisfaction of the performers.

17. **Boxing.** Autumn,, Winter. M. W. F., 1:30. One hour credit. Staff.

This course will consist of the theory and practice of boxing.

18. **Wrestling.** Autumn, Winter. M. W. F., 3:30. One hour credit. Millet.

This course will consist of the theory and practice of wrestling.

19. **Tennis.** (Men and Women.) Spring. M. W. F., Sec. 1, 7:30; Sec. 2, 9:30. One hour credit. Dixon.

This course will consist of the theory and practice of tennis. Limited to 48 students per class. Not open to Freshmen.

20. **Golf.** (Men and Women.) Spring. M. W. F. Time to be arranged. One hour credit. Provo Municipal Golf Course. Staff.

This course will consist of the theory and practice of golf under the personal supervision of professional instruction. A special fee is charged for this course. Students will be required to furnish their own equipment.

24. **Fencing.** Winter. Three periods each week. Time to be arranged. One hour credit. Open to both men and women. Staff.

25. **Social Dancing.** Autumn and Winter. T. Th., 4:30-6:00. One hour credit. Burton.

Open to freshmen and sophomore men and women. Permission must be obtained from instructor before registering with the dean. Credit in this course does not substitute for freshman physical education requirement.

26. **Elementary Clog and Tap Dancing.** (Men and Women). Autumn. T. Th., 9:30. One hour credit. Burton.

Simple routines and rhythms will be taught and worked out to old time and modern music. Emphasis will be placed upon the recreative rather than the professional aspects of the activity.

27. **Intermediate Tap.** (Men and Women). Winter. T. Th., 9:30. One hour credit. Burton.

For those who have already attained a degree of skill in tap technique. Prerequisite, Physical Education 26, or fundamental tap steps, time steps, and knowledge of several routines.

28. **Advanced Tap.** (Men and Women). Spring. T. Th., 9:30. One hour credit. Burton.

Prerequisite, Physical Education 27, or individual work.

- 31, 32, 33. Elementary Modern Creative Dance.** Autumn, Winter, Spring. M. W. F., 8:30. One hour credit. Burton.
 Fundamentals in dance technique. The development of modern creative dance and its types of accompaniment.
- 39. Advanced Tennis.** Spring. T. Th., 7:30-9:00. One hour credit. Dixon.
 Advanced course in the theory and practice of tennis. Admission by permission of instructor.
- 42. Folk and Country Dancing.** (Men and Women). Winter. M. W. F., 1:30. Two hours credit. Burton.

Upper Division Courses

- 51. Athletic Coaching and Directing—Football.** Autumn. Three periods each week. 10:30. Three hours credit. Kimball.
 This course is designed to prepare students for the coaching of football. It will deal with the fundamentals of the game, methods of working out plays, systems of offense and defense, the conditioning of teams, etc.
- 52. Athletic Coaching and Directing—Basketball.** Winter. Three periods each week. 10:30. Three hours credit. Millet.
 This course is designed to prepare for the coaching of basketball. Students will be thoroughly instructed in fundamentals, offensive and defensive systems, schedule making, etc.
- 53. Athletic Coaching and Directing—Track and Field.** Spring. Three periods a week. 10:30. Three hours credit. Millet.
 This course will deal with the technique of track and field athletics and with the management of meets.
- 54. Athletic Coaching and Directing.** (Women). Autumn. T. Th., 9:30. One hour credit. Holbrook.
 Soccer, speedball, hockey, and badminton. This course for majors and minors is a discussion and theory course with outside readings and assignments. It is expected that individuals registered for this course also register for Physical Education 7, in which they will get the practice of the game and the experience in officiating and coaching.
- 55. Athletic Coaching and Directing.** (Women). Winter. T. Th., 9:30. One hour credit. Holbrook.
 Basketball and volleyball. This course will consist of theory, discussion, and outside assignments in coaching and directing. Students who register for this course should also register for Physical Education 8, to gain experience in the games.

- 56. Athletic Coaching and Directing.** (Women.) Spring. T. Th., 9:30. One hour credit. Holbrook.

Baseball, track and field, play days. This theory course dealing with best practices in developing these spring activities for girls will provide a basis of understanding and work-in principles for coaching. This course should be taken simultaneously with Psysical Education 9.

- 58. Health Education for Teachers.** Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit. Cullimore, Oaks, Beck. (See Zoology 58.)

Designed especially for those who are preparing to teach in the public schools.

- 60. Rhythms and games for Elementary School Teachers.** Autumn, Spring. M. W. F., 1:30. Two hours credit. Burton.

Especially designed for those preparing to teach in the elementary grades. The course will include fundamentals of body movements, simple rhythms, folk type dances, creative group work, and methods and content of a play program.

- 61, 62, 63. Advanced Modern Creative Dance.** Autumn, Winter, Spring. M. W. F., 9:30. One hour credit. Burton.

Advanced technique and composition. Prerequisites, 31 and 32, or 32 and 33.

- 65. Problems of the Dance in Physical Education.** Autumn. T. Th., 10:30 a. m. Two hours credit. Burton.

Problems of the public performance, planning the program, organization, lighting, costumes, etc.

- 71. The Theory of Play.** Winter. M. W. F., 1:30. Three hours credit. Holbrook.

The theory of play and its organization, considering history, classification, the need for play in modern life, and play in education.

- 73. Co-educational Physical Education and Recreation.** (Men and Women). Autumn. T. Th., 8:30. Two hours credit. Holbrook.

Technique of conducting and playing individual and group games and activities, of value for school and recreation.

- 88. Physiology of Activity.** Spring. M. W. F., 2:30. Three hours credit. Kimball. Prerequisite: Zoology 45. (Men and Women). Autumn. T. Th., 8:30. Two hours credit. Holbrook.

Technique of conducting and playing individual and group games and activities, of value for school and recreation.

- 88. Physiology of Activity.** Spring. M. W. F., 2:30. Three hours credit. Kimball. Prerequisites: Zoology 45.

- 90. Principles of Physical Education.** Winter. M. W. F., 2:30. Three hours credit. Kimball.

This course deals with underlying principles of physical education.

- 91. General Kinesiology.** Autumn. M. W. F., 8:30. Three hours credit. Dixon.

The anatomy of the human body with emphasis upon the study of bones, joints, and the skeletal muscles. Athletic exercises will be studied, with reference to their effect upon the body. Prerequisite: Zoology 45.

- 93. Organization and Administration of Physical Education, Health and Recreation.** Spring. M. W. F., 9:30. Three hours credit. Hart.

The executive and administrative problems arising out of organizing and conducting health, physical education, and recreation programs in schools and communities.

- 94. Introduction to Achievement Tests in Physical Education.** Winter. M. W. F., 9:30. Three hours credit. Hart.

This course reviews the history of tests in physical education and also gives consideration to the essential procedure used in evaluating such tests and their results. Prerequisite: Educational Administration 74.

- 95. First Aid.** Autumn. M. W. F., 1:30. Two hours credit. Hart.

Principles of first aid treatment of injuries, massage, physiotherapy, bandaging and the essentials of conditioning athletes.

Those successfully completing the course will be given the official American Red Cross Standard First Aid Course Certificate.

- 96. Adaptation of Activities in Corrective Procedure.** Spring. M. W. F., 8:30. Three hours credit. Open to both men and women. Hart.

The variation of posture, the mechanics of balancing of the forces in the body, psychology of individual gymnastics, methods of stimulating interest in posture, and the selection and scope of corrective activities. Prerequisites: Zoology 45, Physical Education 91.

Graduate Courses

165. **Problems in the Dance in Physical Education.** Autumn. T. Th., 10:30. Two hours credit. Burton.
171. **Theory of Organized Play.** Winter. M. W. F., 1:30. Three hours credit. Holbrook.
188. **Physiology of Activity.** Spring. M. W. F., 2:30. Three hours credit. Kimball. Prerequisites: Zoology 45.
190. **Principles of Physical Education.** Winter. M. W. F., 2:30. Three hours credit. Kimball.
193. **Organization and Administration of Physical Education. Health and Recreation.** Spring. M. W. F., 9:30. Three hours credit. Hart.
194. **Achievement Tests in Physical Education.** Winter. M. W. F., 9:30. Three hours credit. Hart.
196. **Adaptation of Activities in Corrective Procedure.** Spring. M. W. F., 8:30. Three hours credit. Open to both men and women. Hart. Prerequisites: Zoology 45, Physical Education 91.
198. **Research in Physical Education.** Time and credit to be arranged.
200. **The Master's Thesis in Physical Education.** Credit by arrangement.

PHYSICS*Professors Eyring, Marshall and Hales*

Students who expect to study Medicine, Engineering, Chemistry, or who are planning to major in the Department of Physics should begin their study of Physics by electing courses 41, 42 and 43.

Non-science students may elect with profit courses 1, 16 and 26, which may be taken without prerequisite and which are organized with the view of giving the student an appreciation of his physical environment.

Students majoring in Physics have the following courses prescribed. Physics 41, 42, 43, 90, 91, 92 and 22 hours selected from the upper division courses in the Physics Department.

Students majoring in Physics and expecting to be high school teachers have the following courses prescribed: Physics 41, 42, 43, and any courses totaling 15 hours of upper division credit in the Physics Department.

Lower Division Courses

1. **A Survey Course in Physics.** Autumn and Winter. M. T. W., Th., 10:30. Four hours credit. Eyring.

This is an orientation course designed for the non-science student who seeks information concerning the scientific interpretation of his physical environment.

16. **Descriptive Astronomy.** Spring. M. T. W. Th., 10:30. Four hours credit. Hales.

This course is designed for those wishing a general knowledge of the facts, theories, and methods of astronomy. Frequent use will be made of the University Observatory on University Hill.

26. **Photography.** Spring. Lecture, M. W. F., 7:30. Laboratory time to be arranged. Four hours credit. Hales. (See Journalism 26.)

Lectures on the theory and art of photography; laboratory exercises in photographic manipulation, determination of the characteristics of photographic materials, color, sensitivity, etc.

41. **General Physics. Mechanics and Sound.** Autumn, Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30-3:30. Five hours credit. Hales.

Courses 41, 42 and 43 constitute a general college course in physics. This general course will satisfy the requirements in physics for engineering and medical students, and it is a prerequisite for all the specialized courses in physics.

42. **Electricity.** Winter. Lecture, M. W. F., 1:30. Laboratory, T. and Th., 1:30 to 3:30. Five hours credit. Hales.

Continuation of 41.

43. **Heat and Light.** Spring. Lecture, M. W. F., 1:30. Laboratory, 1:30 to 3:30. Five hours credit. Hales.

Continuation of 42.

Upper Division Courses

55. **Atomic Physics.** Autumn. Lecture, M. T. Th. Fri., 8:30. Laboratory W., 8:30. Five hours credit. Hales. (Not given this year.)

A study of the structure of the atom as revealed by X-rays, radio activity, spectroscopy, and related subjects.

- 66, 67. **Electricity and Magnetism.** Winter, Spring. Lecture, T. Th. Fri., 2:30. Laboratory M. W., 2:30. Five hours credit each quarter. Marshall. (Not given this year.)

A study of electronics, the vacuum tube, and D. C. and A. C. circuit theory and measurements.

71. **Physics of the Air.** Autumn. Lecture M. T. Th. Fr., 10:30. Laboratory W. Five hours credit. Hales.

The physics of the earth's atmosphere; a study of the causes which produce variations in the pressure, temperature, and humidity of the air and their influence upon weather and climate.

72. **Synoptic Meteorology.** Winter. Lecture M. T. Th. Fri. 10:30. Laboratory W. Five hours credit. Hales.

A continuation of Course 71 with special emphasis placed upon the Norwegian Polar front theory of weather analysis. Daily weather maps, including all frontal data, atmospheric cross sections, and various thermodynamic charts, will be constructed as part of the laboratory work.

73. **Introduction to Aerodynamics.** Spring. Daily 10:30. Five hours credit. Marshall.

Elementary dynamics of Particles, fluids and Solid bodies, with application to aeronautics.

74. **Sound.** Spring. Lecture. M. T. Th. Fr., 8:30 Laboratory W. Five hours credit. Eyring. (Not given this year.)

Speech, hearing, sound transmission and radiation, and acoustics of auditoriums.

75. **Experimental Optics.** Winter. Lecture, M. W. F., 2:30. Laboratory: Time to be arranged. Five hours credit. Marshall.

During the first part of the course experiments outlined in Taylor's Manual of Optics will be performed, and during the last special work in the echelon and concave grating will be given.

76. **Advanced Photography.** Spring. Lecture, T. 7:30. Laboratory, time to be arranged. Two hours credit. Hales.

A laboratory course in the more advanced photographic principles including sensitometry, physical development, toning, natural color printing, and so forth. Prerequisites: Physics 26 and Physics 41, 42, 43 or Chemistry 4, 5, 6.

81. **Mechanics.** Winter. Daily, 8:30. Five hours credit. Hales. (Not given this year.)

Fundamental principles of mechanics and their application to physical problems. Prerequisites: Calculus and Physics 41, 42, 43.

83. **Thermodynamics.** Spring. Daily, 8:30. Five hours credit. Hales. (Not given this year.)

A study of the laws of thermodynamics and their application to numerous physical and chemical phenomena.

- 85. Advanced Physical Measurements.** Autumn, Winter or Spring. Time to be arranged. One to three hours credit. Marshall and Hales.

Precision measurements involving special laboratory techniques and the solution of some simple research problem. Required of all majors in physics in Senior year.

- 87. Laboratory Arts.** Autumn. T. Th., 3:30-6:30. Two hours credit. Marshall and Hales. (Not given this year.)

Processes connected with the construction and use of apparatus in physical laboratory.

- 90, 91, 92. Seminar.** Autumn, Winter, Spring. One hour credit each quarter. Time to be arranged. Marshall and Hales.

A survey of physical theories and topics in modern research. A course for seniors in which the student is aided to integrate the specialized courses.

- 95. Readings in Modern Physics.** Credit 1 to 3 hours, depending on the work done. Marshall or Hales.

A reading course designed to acquaint the student with new material which may not have been included in the regular courses.

Graduate Courses

- 101, 102. Introduction to Modern Physics.** Autumn, Winter. Daily, 8:30. Five hours credit each quarter. Marshall (Not given this year.)

A study of modern physics, including such topics as quantum theory, spectroscopy, and atomic structure, etc.

- 103. Quantum Mechanics.** Spring. Daily, 8:30. Five hours credit. (Not given this year.)

- 105, 106, 107. Introduction to Theoretical Physics.** Autumn, Winter, Spring. Daily, 10:30. Five hours credit each quarter. Hales.

An introductory study of the mathematical basis and development of the fundamental laws and theories of physics.

- 110, 111, 112. Classical Experiments.** Each course two hours credit. Marshall and Hales.

- 190, 191, 192. Seminar.** Autumn, Winter, Spring. Time to be arranged. One hour credit each quarter. Marshall and Hales.

- 195. Readings in Modern Physics.** Credit, one to three hours, depending upon amount of work done. Eyring, Marshall and Hales.

- 200. Thesis in Physics.** Credit to be arranged.

POLITICAL SCIENCE

Professor Jensen; Mr. Gaeth

Requirements for a Major in Political Science:

A Political Science major requires the completion of 45 hours of work in this field. Political Science 1, 5, 10, 11, and 15 are required courses and should be completed by the end of the sophomore year. The additional work shall consist of upper division courses which will be selected by the student with the consent of the major professor.

A student deciding to major in Political Science must immediately consult the head of the department who will determine, in consultation with the student, upon the minor field of work.

The requirements will apply to all Political Science majors who graduate in 1941. Students who graduate in 1940 may do so under either the new or the old plan.

Lower Division Courses

1. **The Citizen and His Government.** Autumn. Daily, 8:30. Five hours credit. Gaeth.

A study of fundamental, political, social, economic, and international problems which make for intelligent citizenship.

5. **Principles of Political Science.** Autumn. Daily, 9:30. Five hours credit. Gaeth.

A comparative study of the origin and development of government, its forms and organization, problems of administration and popular control, international relations and world politics.

10. **National Government of the United States.** Winter. Daily, 9:30. Five hours credit. Jensen.

The historical development of the American Government; origin and growth of the Constitution; constitutional rights of the citizen; a detailed study of the executive, legislative, and judicial departments of the national government.

11. **State and Local Government in the United States.** Spring. Daily, 9:30. Five hours credit. Jensen.

The nature of federal government; the evolution of states from territories; place of the states in the nation; a study of the executive, legislative and judicial branches of state government.

15. **Political Parties and Party Government.** Daily, 8:30. Five hours credit. Gaeth.

A study of the organization and methods of action of political parties in the United States; the development of the party system; the party system in leading European countries.

Upper Division Courses

51. **European Political Philosophy.** Autumn. M. W. F., 1:30. Three hours credit. Gaeth.

A study of political theory as developed during ancient and medieval times.

52. **European Political Philosophy.** Winter. M. W. F., 1:30. Three hours credit. Gaeth.

An examination of modern and contemporary political philosophy.

53. **History of American Political Thought.** Autumn. M. W. F., 10:30. Three hours credit. Jensen. (Not given this year.)

A study and interpretation of American political ideas from the colonial period to the present with an examination of their influence in the development of American history and government.

57. **Commercial Law.** Autumn. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 57.)

Fundamental legal principles and institutions; the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer of title to real and personal property.

58. **Commercial Law.** Winter. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 58.)

A study of law governing Negotiable Instruments, rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barter and bailments.

59. **Commercial Law.** Spring. M. T. W. Th., 8:30. Four hours credit. Jensen. (See Finance and Banking 59.)

A study of the law governing relationships arising out of business associations; Agency, Partnerships and Corporations will be studied by an examination of the leading cases decided by the courts.

63. **Municipal Government.** Spring. M. W. F., 2:30. Three hours credit. Jensen.

A study of municipal growth and development in the United States and in some of the principal European Coun-

tries. Attention is given to municipal structure, organization, and administration.

67. **Public Administration.** Winter. M. W. F., 2:30. Three hours credit. Jensen.

An examination of the field of public administration, emphasizing the relationship of the administration to other branches of Government, the organization and personnel of administrative services, types of control of the administration, central and local administration, etc.

73. **Comparative European Governments.** Winter. M. W. F., 1:30. Three hours credit. Gaeth. (Not given this year.)

A study of the organization and operation of the governments of England, France, Italy, Germany, and Russia. Attention is also given to some of the new European governments.

80. **International Law.** Autumn. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of the sources, principles, and sanctions of international law; the law of peace, war, and neutrality. Problems growing out of the World War and the resulting modifications of international law.

82. **History of American Foreign Policy.** Spring. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

This course traces the history of American foreign relations from the colonial period of the present. Attention is given to the principal issues of diplomatic controversy and settlement.

83. **International Relations.** Winter. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of the major contemporaneous problems and developments in the field of international relations.

85. **International Organization and Government.** Winter. T. Th., 10:30. Two hours credit. Gaeth. (Not given this year.)

The rise and development of international government; diplomatic intercourse of states; international executive, administrative, legislative and judicial functions, agencies of international intercourse and cooperation.

87. **Current European Problems.** Spring. M. W. F., 1:30. Three hours credit. Gaeth.

A study of the momentous recent political changes in Europe. The course aims to interpret governmental changes, treaties, conflicts, and problems which are arising in Europe at present.

90. **The Constitution of the United States.** Autumn. M. W. F., 2:30. Three hours credit. Jensen. (Not given this year.)

A course dealing with the history and development of the Constitution of the United States, a study of its fundamental provisions, their interpretation, and their application in the functioning of the American system of government.

95. **Constitutional Law of United States.** Autumn. Daily, 9:30. Five hours credit. Jensen. (Not given this year.)

Jurisdiction of federal courts, citizenship, naturalization, suffrage, personal liberty, protection to persons accused of crime, due process and equal protection of the laws, police power, eminent domain, taxation, regulation of commerce, impairment of obligation of contracts, etc. A standard book of cases will be used.

Graduate Courses

- 151. Early European Political Philosophy.
- 152. Modern European Political Philosophy.
- 153. American Political Theories.
- 163. Municipal Problems.
- 174. English Government and Politics.
- 175. The British Commonwealth of Nations.
- 177. Political Party Systems in the United States and in European Countries.
- 180. International Law as Administered by the Courts.
- 181. The Conduct of American Foreign Relations.
- 182. History and Problems of American Foreign Policy.
- 183. International Relations and World Politics.
- 190. The Constitution of the United States.
- 195. Constitutional Law of the United States.
- 198. Research in Political Science.
- 200. Research for Master's Thesis.

PSYCHOLOGY

Professors Poulson, Lambert; Assistant Professor Dusenberry; Mr. Gibb.

Suggestions as to Courses. Psychology 11 is the standard foundation course which is usually made a prerequisite to all other courses in university departments of psychology. The courses especially recommended to follow it are:

General Cultural Interests: Psychology 12, 52, 53, 62, 68, 69, 95, 96, and 97.

Home-making Interests: Psychology 12, 62, 68, 69, and 97.

Business Interests: Psychology 10, 12, 53, 62, 66 and 97.

Educational Interests: Psychology 12, 52, 53, 62, 63, 66, 67, 68 and 69. For fulfilling State Board requirements, Psychology 51 is intended for prospective elementary school teachers and Psychology 63 for junior and senior high school teachers. Other courses in this department may be used as electives for state certification.

Psychology Major: A total of thirty five credit hours in the department is required including Experimental Psychology and not less than nine quarter hours selected from psychology 52, 62, 66, 67, 69, 95, 96, 97, and seminar courses in psychology. Prospective "school psychologists" should aim to meet the major requirements as nearly as possible.

Lower Division Courses

10. **Study Habits and Mental Hygiene.** Autumn. T. Th., 8:30; Winter. T. Th., 10:30; Two hours credit. Gibb.

A practical course intended especially to help freshmen who desire to improve their mental health and methods of study.

11. **General Psychology.** Autumn, Daily, 10:30. Winter, Daily, 9:30. Spring, Daily, 10:30. Five hours credit. Gibb.

An introductory study of mental activity covering in a general way the whole field of modern psychology. Approximately one-fifth of the course will consist of simple laboratory experiments.

12. **Applied Psychology.** Spring. M. W. F., 9:30. Three hours credit. Gibb.

Survey of the applications of scientific psychology in advertising, personal selling, industry, medicine, law, music, speech, writing, art, and athletics. Each student will stress his major interests. Prerequisite. Psychology 11.

Upper Division Courses

51. **Educational Psychology.** Autumn, Winter or Spring. Section 1, M. W. F., 9:30; Section 2, M. W. F., 10:30. Three hours credit each quarter. Dusenberry.

This course deals with economy and technique of learning, individual differences, mental efficiency, native equipment, habit formation, emotions, and reasoning, and other applications of psychology in teaching and daily life.

52. **Statistical Methods.** Winter. M. W. F., 2:30. Three hours credit. Lambert. (See Educational Administration 52.)

53. **Experimental Psychology.** Winter, lecture, Th., 3:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Gibb.

Selected readings and laboratory work in experimental psychology to show how scientific technique is applied in the study of mental activity. Presentation of data in tabular and graphic form. Prerequisite: The consent of the instructor.

- 62. Social Psychology.** Autumn. T. W. Th. F., 9:30. Four hours credit.

A study of mental life as conditioned by the social environment. Nature and development of personality. Educational implications of social psychology. Prerequisite: Psychology 11 or its equivalent.

- 63. Advanced Educational Psychology.** Spring. M. T. W. Th. 8:30. Four hours credit. Gibb.

A brief consideration of certain important phases of the psychology of secondary education. The laws of economical learning, individual differences, and the psychology of school subjects. Prerequisite: Psychology 11.

- 66. Psychological Tests.** Autumn. M. W. F., 9:30. Three hours credit. Gibb. (Not given this year.)

History, theory and use of different kinds of psychological tests and scales. Scientific interpretation and application of test results. Prerequisite: Psychology 11.

- 67. Mental Test Practice.** Autumn. Th., 9:30, and five other hours per week to be arranged. Two hours credit. Gibb. (Not given this year.)

Supervised training in the actual administration of psychological tests with emphasis upon Forms L and M of the new revised Stanford-Binet tests of intelligence. Prerequisite: Consent of the instructor.

- 68. Psychology of Childhood and Adolescence.** Winter. M. W. F., 8:30. Three hours credit. Gibb.

Psychological description of the individual's development from birth to maturity, and theories of mental growth. Practical implications for parents, teachers, and social workers. (See Household Administration 68) Prerequisite: Psychology 11 or equivalent.

- 69. Psychology of Personality.** Autumn. M. W. F., 8:30. Three hours credit. Gibb.

A consideration of the psychological foundations of human conduct. Varieties of adjustive and non-adjustive behavior. Psychology of abnormal people. The wholesome personality. Mental hygiene problems of the home and school. Prerequisite: Psychology 11. (See Household Administration 69.)

95. **History of Psychology.** Autumn. T. Th., 2:30. Two hours credit. Gibb.

A consideration of the historical background of present-day psychology with special emphasis upon the developments of the last hundred years. Prerequisites: Psychology 11 and 65 or equivalent.

96. **Contemporary Schools of Psychology.** Winter. M. W., 2:30. Two hours credit. Gibb.

A critical and comparative study of such contemporary systems and movements as structuralism, functionalism, behaviorism, Gestalt psychology and psychoanalysis. Prerequisites: Psychology 11 and 53 or the equivalent.

97. **Advanced General Psychology.** Spring. M. T. W. Th., 2:30. Four hours credit. Gibb.

A careful reconsideration of the general field of modern scientific psychology, and a thorough examination of various difficult topics. Prerequisites: Psychology, 11 and 53 or equivalent.

Graduate Courses

- 141, 142, 143. **Seminar in Psychology.** Autumn, Winter, or Spring. Time to be arranged. One or two hours credit each quarter. Poulson. (Not given this year.)

Recent and current literature in theoretical and experimental psychology will be reviewed. Prerequisite: Consent of the instructor.

153. **Advanced Experimental Psychology.** Winter. Lecture. Th., 3:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Gibb.

162. **Social Psychology.** Autumn. T. W. Th. F., 9:30. Four hours credit. Poulson.

163. **Advanced Educational Psychology.** Winter. M. T. W. Th., 10:30. Spring. M. W. Th. F., 8:30. Four hours credit. Poulson. Prerequisite: Psychology 11.

168. **Psychology of Childhood and Adolescence.** Winter. M. W. F., 8:30. Three hours credit. Gibb.

169. **Psychology of Personality.** Autumn. M. W. F., 8:30. Three hours credit. Gibb.

195. **History of Psychology.** Autumn. T. Th., 2:30. Two hours credit. Gibb.

196. **Contemporary Schools of Psychology.** Winter. M. W., 2:30. Two hours credit. Gibb.

197. Advanced General Psychology. Spring. M. T. W. Th. 2:30. Four hours credit. Gibb.

200. Thesis in Psychology. Winter or Spring. Three to five hours credit. Gibb.

Research work in the preparation of a Master's thesis. Prerequisites: Ten hours of upper division and graduate credit in psychology including Psychology 53 or 153. Also a course in statistical methods.

RELIGIOUS EDUCATION

Professors Wilson, Sessions, Merrill, Eyring, Martin, Cummings, De Jong, Hanson, Miller, Lambert, J. M. Jensen, Boyle, Hart, Ivins, Shaw, Sperry, Lloyd; Associate Professors Sudweeks, Rowe, Nicholes, Law, R. Swensen; Assistant Professors Holbrook, A. Ballif, Pond, Tracy, Mr. Anderson, Miss Waspe, Mr. Gaeth, Mr. H. Lee.

Lower Division Courses

11, 12, 13. (Freshman Course) The Restored Gospel. Autumn, Winter, and Spring. Two hours credit each quarter. T. Th., Section 1, 8:30, Wilson; Sec. 2, 9:30, Sessions; Sections 3, 4, 5, 6, 7, 8, 9, 10, 11, 11:30, Boyle, de Jong, Lambert, Miller, Shaw, Law, Pond, Ballif, Lee; Sec. 12, 2:30, Wilson.

A study of the principles and doctrines of the Church of Jesus Christ of Latter-day Saints. The significance and meaning of the Restored Gospel as a way of life will be the central theme.

21, 22, 23. (Sophomore Course) Foundations of Religious Living. Autumn, Winter, and Spring. Two hours credit each quarter. T. Th., Section 1, 10:30, Sessions; Section 2, 3, 4, 5, 6, 7, 11:30, Eyring, Cummings, Sessions, Jensen, Tracy, Rowe.

Application of the principles of the Restored Gospel to such immediate problems as church loyalty, Priesthood activities, home life, courtship and marriage, ordinances and ceremonies, missionary service, prayer, the Sabbath, Word of Wisdom, and other related problems.

41, 42, 43. Missionary Training and Methods. Autumn, Winter, and Spring. T. Th., 10:30. Two hours credit each quarter. Gaeth.

A preparatory course designed especially for the prospective missionary. A detailed study of modern methods employed in teaching and preaching the doctrines of the Church.

- 44, 45, 46. **Missionary Training.** Autumn, Winter, and Spring. Two hours credit each quarter. By arrangement.

Upper Division Courses.

- 51, 52. **Book of Mormon.** Autumn and Winter. T. Th. Two hours credit each quarter.

Section 1, 11:30, Merrill. A study of the origin and content of the Book of Mormon.

Section 2, 10:30, Sperry. A course in which some research will be done in the field of internal and external evidences of the authenticity of the Book of Mormon.

53. **Doctrine and Covenants.** Spring. T. Th., 11:30. Two hours credit. Merrill.

A study of the situations which brought forth the revelations contained in the Doctrine and Covenants, and a consideration of their content.

- 54, 55, 56. **Latter-day Saint Church History.** Autumn, Winter, and Spring. T. Th. Section 1, 8:30, Sessions; Section 2, 11:30, Nicholes.

A history of the Church with a progressive study of its doctrines in their social and historical settings.

57. **Modern Religious Problems.** Spring. T. Th. 10:30. Two hours credit. Sperry.

This course deals with the religious problems that face Latter-day Saint college students.

60. **Genealogy.** Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Sudweeks.

The place of genealogy in the plan of salvation, our responsibility to our dead ancestors, genealogical research, the pedigree, the family record, temple sheets, and temple ordinances.

61. **Old Testament.** Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Martin.

This course is designed to give the student an idea of the contributions that the Israelites have made to the solution of the problems of mankind as found in the literature of ancient Israel.

- 62, 63, 64. **Old Testament.** Autumn, Winter, and Spring. T. Th., 11:30. Two hours credit each quarter. Sperry.

Resources of modern revelation and scholarship will be used to give an appreciation of the Old Testament and the people who produced it. The manners and customs of the Hebrews, Hebrew archeology, the Hebrew prophets,

etc. will be given consideration. The instructor will translate and comment on the outstanding masterpieces of Old Testament.

- 65. New Testament.** Autumn, Winter, or Spring. T. Th. 8:30. Two hours credit. Swensen.

A study of the distinctive literary, historical, and religious features of the New Testament. Considerable emphasis is given to the lives of Paul and Jesus, and the influence of the New Testament upon society in the Roman imperial, medieval, and modern periods.

- 66, 67, 68. New Testament.** Autumn, Winter, and Spring. T. Th., 11:30. Two hours credit each quarter. Swensen.

A study of the various literary forms of the New Testament, its relation to Greek and Hebrew literature, and its value as a historical source for the social, economic, and religious life of the ancient Christians. An analysis of the outstanding religious teachings and their application to modern problems.

- 71. Comparative Christian Religions.** Autumn, Winter, or Spring. T. Th., 11:30. Lloyd.

A consideration of important developments in the Christian church and its social environment. The course will view the church from its beginnings in Palestine down to the important divisions of present-day Christianity.

- 72, 73, 74. Comparative Christian Religions.** Autumn, Winter, and Spring. T. Th., 9:30. Two hours credit each quarter. Swensen.

A comparative study of contemporary Christian religions, their historical growth, famous leaders, theological creeds, church organizations, and present-day trends.

- 75. Bee-Hive Leadership.** Winter. T. Th., 11:30. Two hours credit. Waspe.

A course designed especially for those interested in girl guidance work. Consideration of the interests and needs of adolescent girls; a study of the girl movements of the world; leadership qualification; plan of the Bee-Hive Girls organization, and methods of presentation.

- 76. Bee-Hive Leadership.** Winter. T. Th., 11:30. Two hours credit. Waspe.

A practical application of the work covered in courses 75. Group activity in the various fields of the Bee-Hive plan: Home, Health, Religion, Out-of-doors, Art, Public Service, Business.

- 77, 78, 79. Scout Leadership.** Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Anderson.

A course designed especially for scoutmasters and prospective scout leaders. The following topics will be considered: Organization of a Scout troop and its relationship to the Local Council and the National Council; troop management and the patrol system; the psychology of the Boy Scout; scout stories and games; signs, symbols, and signaling; pathfinding and mapmaking; trees, flowers, birds, common wild animals, and stars are the subjects to be studied in the class room and while on short hikes.

- 80. Recreational Leadership.** Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Holbrook and Hart.

This course is given to meet the needs of the community, church, and school recreation leaders. Open to Juniors and Seniors, by permission of instructor.

- 82, 83, 84. Comparative World Religions.** Autumn, Winter, and Spring. T. Th., 11:30. Two hours credit each quarter. Ivins.

A comprehensive study of the religions of the world. The origins, theology, religious practices and present status of Hinduism, Buddhism, Taoism, Confucianism, Zoroastrianism, Shintoism, Mohamedism, and the minor religions of the Orient. A comparison of these religions with Judaism, Christianity, and Mormonism.

- 85, 86, 87. Rationality of Religion.** Autumn, Winter, and Spring. T. Th. Section 1, 10:30, Section 2, 11:30. Two hours credit each quarter. Wilson.

Religion as life in its relationship to philosophy; the concept of God, His relations to man, and His plan for man's redemption; Jesus Christ and His relation to the plan; the Restored Gospel as a way of life. Arranged especially for Seniors.

- 91. Contributions of Science to Religion.** Autumn, Winter, or Spring. T. Th., 11:30. Two hours credit. Hansen.

Interpretation of scientific concepts in their relation to present-day religious problems.

Graduate Courses

- 120. Seminar in Religious Education.** Spring. Two hours credit. Time to be arranged. Lambert.

- 121, 122, 123. Seminar.** Autumn, Winter, and Spring. Two hours credit each quarter. Time to be arranged. Wilson.

151, 152, 153. Modern Scriptures. Autumn, Winter, and Spring. Two hours credit each quarter. Time to be arranged. Merrill, Sperry.

162, 163, 164. Old Testament. Autumn, Winter, and Spring. Two hours credit each quarter. Time to be arranged. Sperry.

Resources of modern revelation and scholarship will be used to give an appreciation of the Old Testament and the people who produced it. The manners and customs of the Hebrews, Hebrew archeology, the Hebrew prophets, etc. will be given consideration. The instructor will translate and comment on the outstanding masterpieces of the Old Testament.

166, 167, 168. New Testament. Autumn, Winter, and Spring. Two hours credit each quarter. Time to be arranged. Swensen.

A study of the various literary forms of the New Testament, its relation to Greek and Hebrew literature, and its value as a historical source for the social, economic, and religious life of the ancient Christians. An analysis of the outstanding religious teachings and their application to modern problems.

172, 173, 174. Comparative Christian Religions. Autumn, Winter, and Spring. Two hours credit each quarter. Time to be arranged. Swensen.

A comparative study of contemporary Christian religions, their historical growth, famous leaders, theological creeds, church organizations, and present-day trends.

182, 183, 184. Comparative World Religions. Autumn, Winter, and Spring. Two hours credit each quarter. Time to be arranged. Ivins.

A comprehensive study of the religions of the world. The origins, theology, religious practices and present status of Hinduism, Buddhism, Taoism, Confucianism, Zoroastrianism, Shintoism, Mohamedism, and the minor religions of the Orient. A comparison of these religions with Judaism, Christianity, and Mormonism.

185, 186, 187. Rationality of Religion. Autumn, Winter, and Spring. Two hours credit each quarter. Time to be arranged. Wilson.

Religion as life in its relationship to philosophy; the concept of God, His relations to man, and His plan for man's redemption; Jesus Christ and His relation to the plan; the Restored Gospel as a way of life.

191. **Contributions of Science to Religion.** Autumn, Winter, and Spring. Two hours credit. Time to be arranged. Hansen.

Interpretation of scientific concepts in their relation to present-day religious problems.

- 194, 195, 196. **Hebrew Archeology and Civilization.** Autumn, Winter, and Spring. Time to be arranged. Two hours credit each quarter. Sperry.

200. **Research for Thesis.** Autumn, Winter, and Spring. Time to be arranged. Religious Education Department Faculty.

Note: For **Character Education**, see **Philosophy of Education 187**. Lloyd.

Note: For **Research in Religion**, see **Educational Administration 118**, Lambert.

SOCIOLOGY

Professors Swenson, W. H. Boyle; Assistant Professor Ballif.

Courses 11 and 12, or 55 and 56 are prerequisite to all other courses in sociology.

Students majoring in this department are required to take courses 53, 55, 56, 57, and 80, 81.

Sociology majors and minors are advised to broaden their background with courses in related fields. The following are especially recommended: Economics 60 and 61, Geography 52, Physical Anthropology 71, History 1, Political Science 1, Psychology 11, 70, 78 and 79, Zoology 11, 18, and 97.

Lower Division Courses

11. **Introduction to the Study of Sociology.** Autumn, Winter and Spring. Daily, 2:30. Five hours credit each quarter. Ballif.

This course is designed to give the ground work for social study. It presents a general view of social organization, social forces and a practical working theory of the nature of society.

12. **Social Problems.** Spring. Daily, 7:30. Five hours credit. Ballif.

This course deals with concrete social problems such as crime, poverty, racial conflicts, etc. Discussions, papers, and assigned readings.

Upper Division Courses

51. **Community Organization and Leadership.** Autumn. M. W. F., 10:30. Three hours credit.

Problems of community life and action, and the methods of promoting them through organization and leadership.

53. **Rural Sociology.** Spring. M. W. F., 10:30. Three hours credit. Ballif. (See Agricultural Economics 53.)

A survey of social conditions in the rural life of America, with special reference to those social processes which are in operation at the present time.

55. **Introduction to the Study of Sociology.** Autumn and Winter. Daily, 8:30. Five hours credit each quarter. Swenson.

56. **Social Problems.** Winter. Daily, 9:30. Five hours credit. Swenson. Same as Sociology 12.

57. **Population Problems.** Autumn. M. W. F., 10:30. Three hours credit. Swenson.

A study of the growth and distribution of population. Such subjects as population density and mobility, birth and death rates, eugenic considerations, etc., will be discussed.

58. **Human Ecology.** Autumn. T. Th., 10:30. Two hours credit. Ballif. (Alternates yearly with Sociology 76.) (Not given this year.)

A study of the spatial relationships of man as determined by his adaptation to physical and social environment. Discussions will center on such subjects as isolation, interaction, segregation, invasion, etc.

61. **Educational Sociology.** Autumn. M. W. F., 9:30. Three hours credit. Swenson.

An introductory study of the principles of educational sociology and their application to the theory and practice of school administration, curricula and methods of instruction.

66. **Urban Sociology.** Winter. T. Th., 10:30. Two hours credit. Swenson.

A study of the evolution and problems of urban life, with special emphasis on the economic, ethical, and political influence of cities on modern society.

70. **Social Control.** Spring. M. W. F., 8:30. Three hours credit. Swenson.

A study of the means of the control of the individual by groups. Such agencies as public opinion, belief, social suggestions, ceremony, personal ideals, etc., will be studied in detail.

71. **Juvenile Sociology.** Spring. T. Th., 9:30. Two hours credit. Boyle.

This course deals with the educational problems of the adolescent, as related to the home, the school, industry, the community, and his own group.

75. **The Family.** Spring. M. W. F., 10:30. Three hours credit. Swenson.

A study of the history and development of the family and its place as an institution in the development of our civilization. The course also considers the modern family and its problems.

76. **An Introduction to The Field of Social Work.** Autumn. T. Th., 10:30. Ballif. (Alternates yearly with Sociology 58.)

An introductory survey of various fields and methods of social work; the extent of social work and its implications for related professions.

80. **Social Statistics.** (See Economics 74.)

81. **The History of Social Theory.** Spring. M. W. F., 9:30. Three hours credit. Swenson.

The course deals with evolution of social theories beginning with Plato and considering the developments through the early Christian Era and also the Medieval and modern social theorists.

82. **Contemporary Sociology.** Winter. M. W. F., 9:30. Three hours credit. Ballif. (Alternates yearly with Sociology 93.)

A consideration of the present day sociologists and their contributions. Attention is given to the writings of leading social technologists.

90. **Labor Problems.** See Economics 61.

93. **Race and Racial Problems.** Winter. T. Th., 10:30. Two hours credit. Ballif. (Alternates with Sociology 82.) (Not given this year.)

An analysis of the classification and distribution of races, and of the problems which grow out of racial conflict.

96. **Cultural Anthropology.** Winter. M. W. F., 10:30. Three hours credit. Ballif.

An analysis of the social institutions of primitive people and how those institutions have developed. The meaning and content of culture.

Graduate Courses

- 101, 102, 103. **Research.** Time and credit to be arranged. Swenson.

Opportunity is given for the student to work out a problem in the field of his greatest interest. Direction in the methodology of research in the social science field, and in the presentation of material.

- 151. **Community Organization.** Autumn. M. W. F., 10:30. Three hours credit. Ballif. (See Sociology 51.)
- 161. **Educational Sociology.** Autumn, 9:30. Three hours credit. Swenson.
- 166. **Urban Sociology.** Winter. Two hours credit. Swenson.
- 171. **Juvenile Sociology.** Spring. Two hours credit. Boyle.
- 175. **The Family.** Spring. Three hours credit. Swenson.
- 186. **Social Organization.** Spring. Three hours credit.
- 190. **Labor Problems.** Winter. Three hours credit.
- 191. **Labor Legislation.** Spring. Three hours credit.
- 193. **Race and Race Problems.** Winter. Two hours credit. Ballif.
- 196. **Cultural Anthropology.** Winter. Three hours credit. Ballif.
- 197. **Research.** Time and credit to be arranged.
- 200. **Thesis.**

SPEECH

*Professor Pardoe, Morley, De Jong; Mr. Clinger,
Miss Billings*

Students majoring in this department are required to furnish two years in a foreign language. They may elect one of the three divisions, public speaking, dramatic art, or play production. Requirements for public speaking are Speech 1, 2, 3, 4, 11, 12, 51, 52, 53; 84p, 91, and 95. Requirements for dramatic art are Speech 1, 2, 4, 11, 12, 22, 42, 43, 61, 62, 72, 73, 77, 78 or 79, 81p, 87p, 91 and 95.

Requirements for play production are Speech 1 or 2, 11, 12, 13, 21, or 22, 42, 43, 71, 72, 73, 77, 78 or 79, 91 and 95 or 96.

It is advisable to register for Physics 11, Psychology 11, Psychology 74, and Art 21.

Students minoring in Speech should qualify in the following courses: Speech 1, 2, 4, 11, 12, 51 or 52, 72 or 73, 91, and 95.

Lower Division Courses

- *1. **Principles of Speech.** Autumn. Sec. 1, M. W.; Sec. 2, T. Th., 9:30; Sec. 3 and 4, M. W., Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Morley, Clinger.

The elements of speech, development of ability in the fundamental processes of speech, and simple outline of speeches constitute the major portion of this course.

- *2. **Open Forum Discussion.** Winter. Sec. 1 M. W., Sec. 2, T. Th., 9:30; Sec. 3 and 4, M. W., Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hours credit. Morley, Clinger.

Practice in extemporaneous speech, types of public discussion and application of speech principles. Vocabulary building.

- *3. **Speech Analysis.** Spring. Sec. 1, M. W., Sec. 2, T. Th., 9:30; Sec. 2 and 4, M. W., Sec. 5, T. Th., 1:30; Sec. 6, M. W., 2:30. Two hour credit. Morley, Clinger.

The study of models of speech composition. Practice in delivery and analysis. Individual needs especially motivated.

4. **Voice and Diction.** Autumn, Winter, Spring. T. Th., 2:30. Two hours credit. Morley.

A laboratory study and supervised development of good voice and diction. Especially planned for prospective teachers.

- *11. **Elementary Speech Problems.** Autumn. Sec. 1, M. T. W. Th., 8:30; Sec. 2, M. T. W. Th., 10:30; Sec. 3, M. T. W. Th., 2:30. Four hours credit. Pardoe.

Fundamental principles of speech arts, with emphasis on pantomime.

- *12. **Classical Literature.** Winter. Sec. 1, M. T. W. Th., 8:30; Sec. 2, M. T. W. Th., 10:30; Sec. 3, M. T. W. Th., 2:30. Four hours credit. Pardoe.

Application of the elements of reading to great scenes of classical literature.

- *13. **Dramatic Monologue.** Spring. Sec. 1, M. T. W. Th., 8:30; Sec. 2, M. T. W. Th., 10:30; Sec. 3, M. T. W. Th., 2:30. Four hours credit. Pardoe.

Special attention is given to the dramatic monologue and soliloquy.

21. **Interpretative Literature.** Autumn. M. W. F., 9:30. Three hours credit. Pardoe.

Character delineation forms a great portion of this work.

*Classes in Speech 1, 2, 3, 11, 12, and 13, are limited to twenty members. Assignments are made by Speech Department at registration.

- 22. Dialogue and Scene Presentation.** Winter. M. W. F., 9:30. Three hours credit. Pardoe.

The great scenes from Shakespeare and classical literature. Character analysis and presentation. Prerequisites: Courses 11, 12, 13.

- 42. Practical Phonetics.** Autumn or Winter. T. Th., 1:30. Two hours credit. De Jong.

A course prescribed for all majoring in speech. Given to aid students to acquire a better understanding of English and foreign diction. (See Department of Modern and Classical Languages, Phonetics 42.)

- 43 or 44. Representative Dialect.** Spring. M. W. F., 9:30. Three hours credit. Pardoe.

A study of dialect as an element in interpretation. Scotch, Italian and Yiddish alternate each year with Cockney, Negro and class choice. Scotch on even years. Prerequisite: Course 42.

Upper Division Courses

- 51. Advanced Speech Composition.** Autumn. M. W. F., 9:30. Three hours credit. Morley.

An intensive study of the organization of advanced forms of public speaking and practical experience in their delivery.

- 52. Argument and Debate.** Winter. M. W. F., 9:30. Three hours credit. Morley.

A study of the principles of argument followed by a series of debates on current questions. (See English 52.) Prerequisites: English 1, 2, 3; Speech 1, 2.

- 57. Advanced Debate.** Winter. One hour credit. For such members of the debating squad as can qualify and register for this course, subject to the approval of the Speech Department.

- 58, 59. Radio Broadcasting.** Autumn and Spring. M. W., 3:30. Two hours credit. Pardoe, Morley and Staff.

Technique of radio speech and preparation for broadcasting. Prerequisite Speech 4. Laboratory fee \$2.50.

- 61. Speech Projects.** Autumn. T. Th., 3:30. Two hours credit. Pardoe.

A speech seminar for the study of individual problems. Required of all majors in dramatic art. Course prepares for 62.

- 62. Impersonation.** Winter. M. T. W. Th., 3:30. Four hours credit. Pardoe.

An advanced course leading to the reading of full programs. Only those who have built a proper voice foundation, and who can qualify in Speech 1, 2, 11, 12, 13, and 22 are eligible. Speech 61 is obligatory for this course. The Mask Club is the laboratory for this course.

- 65. Historic Costume and Costume Design.** Winter. M. W. F., 1:30. Three hours credit. Billings.

Historic development of fashion and fashion trends. Costume studies for plays and period designing.

- 71. Stage Craft.** Autumn. M. W. F., 2:30. Three hours credit. Pardoe.

It is suggested that students take Art 21 as a preparation for this course.

- 72. Play Production.** Winter. M. W. F., 2:30. Three hours credit. Pardoe. Three classes and one laboratory period per week. Advanced students only. Courses 11, 12, 13, and 22 are prerequisite.

- 73. Acting.** Spring. M. W. F., 2:30. Three hours credit. Two classes and one laboratory period per week. Advanced students only. Required of all Speech Seniors. Pardoe.

- 77. History of Dramatic Production.** Autumn. T. Th., 1:30. Two hours credit. Pardoe.

The Egyptian, Grecian, and Roman Theatre. A study of the means employed in the theatrical presentations of these periods.

- 78. History of Dramatic Production.** (Oriental and Medieval.) Winter. T. Th., 1:30. Two hours credit. Pardoe.

- 79. History of Dramatic Production.** (Elizabethan.) Spring. T. Th., 1:30. Two hours credit. Pardoe.

- 81p. Dramatic Technique.** One hour credit per quarter for each recitation per week. Pardoe.

An intensive individual course in advanced interpretation. Time and fee to be arranged with instructor.

- 84p. Public Speaking.** One hour credit per quarter for each recitation per week. Pardoe and Morley.

An intensive individual course designed for those who desire to concentrate on organization and delivery of the more advanced forms of public speech. Time and fee to be arranged with instructor.

- 87p. Voice and Speech Improvement.** One hour credit per quarter for each recitation per week. Pardoe and Morley.

An intensive individual course designed to help the student acquire good speech habits with particular attention to development of a pleasing, well-modulated speaking voice. Time and fee to be arranged by instructor.

91. **Methods of Teaching Speech.** Spring. T. Th., 8:30. Two hours credit. Morley.

Organization of high school departments of speech. Selection of materials and methods to be employed in speech teaching.

94. **Psychology of Speech.** Autumn. M. W. F., 8:30. Three hours credit. Morley.

A study of the psychological elements of language and expression.

95. **Speech Correction.** Winter. M. W. F., 8:30. Three hours credit. Morley.

Laboratory and clinical methods for the study and correction of speech defects.

96. **Clinical Methods in Speech Correction.** Spring. M. W. F., 8:30. Three hours credit. Morley.

Study and training in the methods of diagnosis, treatment and equipment used in the modern speech clinic. Handling of actual cases will form an important part of the course. Prerequisite: Speech 95.

Graduate Courses

131. **Technique of Play Writing.** Winter. Three hours credit. Pardoe. Time to be arranged. May be taken by advanced upper division students.

132. **Technique of Play Writing.** Spring. Time to be arranged. Three hours credit. Pardoe.

The writing and producing of original plays, with emphasis upon western themes. May be taken by advanced upper division students.

- 143 or 144. **Dialect Research.** Spring. M. W. F., 9:30. Laboratory, two hours per week. Three hours credit. Pardoe. Prerequisite: Speech 42.

151. **Advanced Speech Composition.** Autumn. M. W. F., 9:30. Three hours credit. Morley.

An intensive study of the organization of advanced forms of public speaking and practical experience in their delivery. Each student will make an individual study of an eminent orator.

- 152. Argument and Debate.** Winter. M. W. F., 9:30. Three hours credit. Morley.

Advanced study of principles of argument and experience in their use by applying them in a series of debates on current questions. An individual study of some phase or argument or logic will be required. Prerequisite: English 1, 2, 3, and Speech 1 and 2.

- 158, 159. Radio Broadcasting.** Autumn and Spring. M. W., 3:30. Two hours credit. Pardoe, Morley and Staff.

- 171. Stage Craft.** Autumn. M. W. F., 2:30. Three hours credit. Pardoe.

- 172. Play Production.** Winter. M. W. F. Three hours credit. Pardoe.

- 173. Acting.** Spring. M. W. F., 2:30. Three hours credit. Pardoe.

- 177. History of Dramatic Production (Ancient).** Winter. T. Th., 1:30. Two hours credit. Pardoe.

- 178. History of Dramatic Production (Oriental and Medieval Theatre).** Winter. T. Th., 1:30. Two hours credit. Pardoe.

- 179. History of Dramatic Production.** Includes the Elizabethan period. Spring. T. Th., 1:30. Two hours credit. Pardoe.

- 186p. Speech Clinic.** Students may enter at any time during the year. Morley.

Corrective treatment of stuttering, stammering, lispings, oral inaccuracy, poor voice and other forms of speech and voice disorders. A thorough diagnosis will be made and treatment organized in accordance with individual needs. Time and fee to be arranged.

- 191. Methods of Teaching Speech.** Spring. T. Th., 8:30. Two hours credit. Morley.

- 194. Psychology of Speech.** Autumn. M. W. F., 8:30. Three hours credit. Morley.

A study of the psychological elements of language and expression.

- 195. Speech Correction.** Winter. M. W. F., 8:30. Three hours credit. Morley.

An advanced study of the nature, causes and treatment of all types of speech disorders. An individual research problem required.

- 196. Clinical Methods in Speech Correction.** Spring. M. W. F., 8:30. Three hours credit. Morley.

Study and training in the methods of diagnosis, treatment and equipment used in the modern speech clinic. Work

with cases will form important part of the work. Students will make an individual study of some important clinical problem. Prerequisite: Speech 95.

- 200. Thesis.** Three to five hours credit. Time to be arranged. Pardoe, Morley.

Individual research upon a problem of importance to speech. Ability to conduct experiments necessary. Subject must be submitted for work during at least three quarters.

ZOOLOGY AND ENTOMOLOGY

Professor Tanner; Doctors Cullimore, Oaks; Assistant Professor Johanson, Beck and Hayward.

Students majoring in this department must complete courses 11, 18, 30, 55, 57, 59, 65, 66, 71, 72, 75, 80, 82, 83, 94, and 97. Substitution of other courses is permitted in special cases. Students are also advised to complete two years of German and French if they contemplate doing advanced work in Zoology or Entomology.

Students who expect to study Medicine may take Zoology for their major subject and complete the courses advised or they may take the following courses 11, 18, 55, 56, 65, 66, 70, 71, 72, and 75.

Students who desire to teach Biology in the high school should complete the following courses: 11, 18, 30, 57, 58, 59, 65, 66, and 77; Botany 1, 2, 3, and 60; Bacteriology 21.

Facilities for the Study of Zoology and Entomology

The natural history collections consist of a very complete collection of Utah fish, amphibians, reptiles, birds, and mammals. This collection is also supplemented by the Chester Van Buren collection of birds from Magdalena River of Colombia the David Starr Jordan collection of fish from the Hawaiian Islands. The entomological collection contains authoritatively named specimens in all the orders of insects. The pinned insects are placed in four hundred trays, 18x19 inches in size, two inches deep. The specimens are pinned in unit boxes. The Lepidoptera collection is a very complete one of Utah and the Great Basin region. It contains over six hundred named species and ten thousand specimens. It is made up of the famous Tom Spalding collection and the Chester Van Buren collection. The Coleoptera collection contains over six thousand determined species and forty thousand specimens. It contains a very complete collection of weevils, the Chas. W. Leng collection of 1676 species, 300 spec-

ies from the Blatchley collection, and the Charles Schaeffer weevil collection, consisting of 813 species. Many types, cotype and paratype specimens are in the collections. All these collections are housed in the new fire-proof Geo. H. Brimhall Building.

ZOOLOGY

Lower Division Courses

11. **General Zoology.** Autumn. M. W. F., Sec. 1, 8:30; Sec. 2, 10:30; Winter. Sec. 1, M. W. F., 9:30; Spring. M. W. F., Sec. 1, 8:30; Laboratory Sec. 1, T. Th., 1:30-3:30; Sec. 2, T. Th., 3:30-5:30; Sec. 3, M. W., 1:30-3:30; Sec. 4, M. W., 3:30-5:30. Five hours credit, Tanner, Hayward, and Beck.

Fundamentals of structure, physiology, development, heredity, adaptations, classifications, and bearing of Biology on human life.

18. **Heredity,** Autumn. M. W. F., 9:30. Winter and Spring. M. W. F., 2:30. Three hours credit. Tanner, Hayward, and Beck.

A study of the facts which form a basis for the knowledge of heredity and variation in plants and animals, with special emphasis on heredity in man. This course is designed to give prospective teachers a good background in facts relating to the importance of heredity and environment in the development and life of man. Prerequisite: A course in General Zoology or General Botany.

25. **General Physiology.** Winter. 9:30. Three hours credit. Johanson.

A course dealing with the problems of digestion, excretion, circulation, and respiration. A course especially designed for Home Economics students.

28. **Aquatic Zoology.** Autumn. M. W. F., 8:30. Three hours credit. Tanner.

A general course in the study of fresh water animals of Utah Lake.

42. **Eugenics.** Spring. M. W. F., 10:30. Three hours credit. Beck.

A bio-social study of the family in its present social setting. Prerequisite: General Zoology.

45. **Vertebrate Anatomy and Physiology.** Winter. M. W. F., 8:30. Laboratory M. W., 1:30-4:30. Four hours credit. Beck.

This course is designed for the majors and minors in physical education. The instruction will provide for a preparation to teach such subjects as physiology, hygiene, and general zoology in the high school curricula. A general survey of the vertebrate animals will be undertaken. A thorough appreciation of comparative anatomy of representative vertebrates and their physiology will constitute the main part of the laboratory work.

Upper Division Courses

53. **Animal Ecology.** Spring. M. W. F. S., 9:30. Three hours credit. Hayward.

The environment, natural habitats, adaptations, relationships of organisms, and distributions of species and communities will be considered. Prerequisite: Zoology 11, 28, 57, 59, and Entomology 30.

55. **Invertebrate Zoology.** Winter. T. Th., 8:30. Laboratory T. Th., F., 1:30-4:30. Five hours credit. Beck.

This course is designed to follow Zoology 11, and is intended to give the students a broader knowledge of the morphology and relationship of the invertebrate groups.

56. **Comparative Anatomy.** Spring. Daily, 1:30. Laboratory M. W. F., 2:30-4:30. Five hours credit. Hayward.

A detailed study of the comparative anatomy of the vertebrates. Prerequisites: Zoology 55 and 72.

57. **Vertebrate Zoology; Birds and Mammals.** Autumn. M. W. F., 7:30. Three hours credit.

A course in the evolution, structure, classification, and distribution of birds and mammals with special reference to the Utah species. Prerequisite: Zoology 11.

58. **Health Education for Teachers.** Autumn, Winter, Spring. M. W., 1:30. Three hours credit. Beck, Cullimore, Oaks. (See Elementary Education 58.)

Designed especially for those who are preparing to teach in the public schools.

59. **Cold Blooded Vertebrates; Fish, Amphibians and Reptiles.** Winter. M. W. F., 8:30. Three hours credit. Tanner.

An introductory course dealing with the problems relating to the evolution, life history and classification of cold blooded vertebrates found in this region.

61. **Nutritional Physiology.** Winter. T. Th. S., 9:30. Three hours credit. Johanson.

A course designed to acquaint students with the methods employed in small animal experimentation. Feeding experiments will be conducted with emphasis placed upon the deficiency diseases and protein and mineral requirements in the diet. Prerequisite: Organic Chemistry. (See Animal Husbandry 61.)

62. **Special Problems in Nutritional Physiology.** Spring. Time and credit to be arranged. Johanson.

Students will carry on individual research work with white rats, chickens, and turkeys. Prerequisite: Zoology 61.

65. **Human Physiology.** Autumn. M. W. F., 9:30. Three hours credit.

This course is designed to give the student a working knowledge of the life processes as they function in man. Prerequisite: Zoology 11. (See Animal Husbandry 65.)

66. **Human Physiology Laboratory.** Autumn. T. Th., 1:30-4:30. Two hours credit.

70. **Histological Technique.** Winter. M. W. F., 1:30-4:30. Three hours credit. Hayward.

Practical training in fixing tissues, embedding, sectioning, staining, and mounting of permanent specimens.

71. **Histology.** Autumn. M. W. F., 1:30-4:30. Three hours credit. Hayward.

Microscopic study of the structure of the tissues and organs of animals.

72. **General Embryology.** Spring. M. W. F., 2:30. Laboratory, W. F., 1:30-4:30. Three hours credit. Hayward.

The origin and development of the organs and organ-systems of vertebrate animals, especially the chick, are studied.

75. **History of Biology.** Winter. T. Th., 10:30. Two hours credit. Tanner.

A study of the development of biological thought from the time of the earliest writers to the present.

77. **Nature Study for Teachers.** Spring. M. W. F., 7:30. Three hours credit. Hayward and Tanner.

A practical course dealing with the birds and other animals of the region, and some plant life in relation to nature study and biology courses. Students will be taught to identify the common animals and trees by means of prepared specimens and field trips. Instruction will also be given in methods of

collecting and preserving natural history material for elementary and high school work. A study of aquaria and animals for the school room will be made.

- 80, 81. **Junior Year Seminar.** 82, 83. **Senior Year.** Autumn. Winter. W., 4:30. One hour credit each quarter. Staff.

Required of all majors in this department during their junior and senior years.

85. **Fresh Water Zoology Problems.** Spring. Time and credit to be arranged. Tanner.

Special problems dealing with the Plankton, Molluska, insects, fish, etc., of the lake. Problems will be assigned to individual students.

- 91, 92, 93. **Field Zoology.** Time and credit to be arranged. Tanner, Beck and Hayward.

Students may make extensive collections of the animal life of this state or adjoining states and then make a report of the same. This course aims to give training in systematic Zoology and museum work.

97. **Genetics and Racial Hygiene.** Winter. M. W. F., 10:30. Three hours credit. Tanner.

This course attempts to lay a foundation for the understanding of the various problems which relate to the origin and genetics of the human race, with emphasis upon such phases as race origins, race deteriorations, race supremacy, and race betterment. The subject matter of the course will include such topics as the following: origin, characteristics and classification of the main divisions of races; population policies, problems of eugenics and genetics; marriage laws, in-breeding and out-breeding; sterilization laws; and future of the human race and race betterment.

Graduate Courses

- 113, 114, 115. **Research Work in Systematic Vertebrate Zoology.** Time and credit to be arranged.

- 117, 118, 119. **Zoological Research.** Time and credit to be arranged.

This course is open to all students prepared to do graduate work in any branch of zoological science.

153. **Animal Ecology.** (See Course 53.)

157. **Vertebrate Zoology.** (See Course 57.)

159. **Cold Blooded Vertebrates.** (See Course 59.)

161. **Nutritional Physiology.** (See Course 61.)

162. **Special Problems on Nutritional Physiology.** (See Course 62.)

175. **History of Biology.** (See Course 75.)
197. **Genetics and Racial Hygiene.** (See Course 97.)
200. **Research. Thesis.** Credit by arrangement.

This course is required of all students seeking a master's degree in this department.

ENTOMOLOGY

Lower Division Courses

30. **Elementary Entomology.** Autumn. M. W. F., 9:30. Three hours credit. Tanner.

This course is intended to interest students in insect life. A study of the structure, development and classification of some of the more important insects will form a basis of this course.

31. **Morphology of Insects.** Winter. M. W. F., 9:30; Laboratory, Th., 1:30-4:30. Four hours credit. Tanner.

It is the purpose of this course to teach the structures of insects and the importance of these structures in a systematic study of insects. A few typical insects will be thoroughly studied.

32. **Insect Classification.** Spring. M. W. F., 9:30; Laboratory, Th., 1:30-4:30. Four hours credit. Tanner.

Students will collect and study systematically the insect fauna of the Provo region. Prerequisite: Course 31.

34. **Economic Entomology—Field, Orchard and Garden Insects.** Spring. M. W. F., 10:30. Laboratory, M., 2:30-5:30. Three hours credit. Tanner.

A study of the principal injurious and beneficial insects of the field, orchard and garden. Will include field, laboratory, and bibliographic work. Prerequisite Course 30.

Upper Division Courses

61. **Advanced Study of the Hymenoptera.** Autumn, Winter, Spring. Three hours credit. Time to be arranged.

A morphological and systematic study of the groups of western Hymenoptera in which the student may be interested.

62. **Advanced Study of the Coleoptera.** Autumn, Winter, Spring. Three hours credit. Time to be arranged. Tanner.

Students may study the weevils or other Coleoptera from the systematic, morphological, or economic standpoint.

- 63. Arthropods of the Intermountain States.** Spring. M. W. F., 10:30. Three hours credit. Tanner.

A general course dealing with the morphology, physiology, and classification of the Arthropods of this region. An important course for all majors in Zoology.

- 64. Advanced Entomology.** Winter and Spring. Time and credit to be arranged.

Open only to advanced students who are prepared to do systematic, morphological, or economic work.

- 94. Principles of Nomenclature.** Winter. M., 4:30. One hour credit. Tanner.

A lecture course dealing with the principles of nomenclature and intended to meet the needs of students from any of the biological departments.

- 96. Special Problems in Entomology.** Winter and Spring. Two hours credit. Time to be arranged. Tanner.

Students will be encouraged to study the internal morphology of various groups of insects.

Graduate Courses

- 102, 103, 104. Special Problems in Systematic Entomology.** Time and credit to be arranged. .

Studies in the structure and classification of certain groups of insects as Coleoptera, Diptera, Hymenoptera, etc.

- 105, 106. Research Work in Insect Morphology.** Time and credit to be arranged.

Special emphasis will be placed upon the morphology of the beetles. However, students may choose any group for detailed study.

- 107, 108, 109. Special Problems in Economic Entomology.** Time and credit to be arranged.

The student is here given an opportunity to make a more or less detailed study of some insect or group of insects of economic importance. Students are encouraged to do considerable life history work.

- 110, 111, 112. History of Entomology.** A one hour lecture or seminar course required of all graduate students. Time and credit to be arranged.

Extension Division

FACULTY

FRANKLIN STEWART HARRIS, President
CARLTON CULMSEE, Director, Journalism.
SETH T. SHAW, Horticulture
AMOS N. MERRILL, Secondary Education
BENJAMIN F. CUMMINGS, Languages
THOMAS L. MARTIN, Agronomy and Bacteriology
WILLIAM J. SNOW, History
T. EARL PARDOE, Speech, Drama
VASCO M. TANNER, Zoology and Entomology
GERRIT DE JONG, Jr. Languages
GEORGE H. HANSEN, Geology and Geography
ELMER MILLER, Economics
MILTON MARSHALL, Physics, Mathematics
GUY C. WILSON, Religious Education
FRANKLIN MADSEN, Music
A. C. LAMBERT, Educational Administration
L. S. MORRIS, Landscape Architecture
EFFIE WARNICK, Home Economics
J. MARINUS JENSEN, English
CHARLES J. HART, Physical Education
WAYNE B. HALES, Physics and Mathematics
H. GRANT IVINS, Animal Husbandry, Religion
BERTRAND F. HARRISON, Botany
JOSEPH SUDWEEKS, Educational Admin. and Religion
SIDNEY B. SPERRY, Religious Education, History
ALONZO J. MORLEY, Speech
WM. H. SNELL, Mechanic Arts
WESLEY P. LLOYD, Philosophy of Education
IDA S. DUSENBERRY, Educational Psychology
EDGAR M. JENSON, Art
ELSIE C. CARROLL, English Literature
IRENE S. BARLOW, Home Economics
W. ELMO COFFMAN, Geography
D. ELDON BECK, Zoology
JOHN E. HAYES, Registrar
KIEFER B. SAULS, Secretary - Treasurer
WILFORD D. LEE, English
ELDON DENNIS, Geology
VERLA L. BIRRELL, Art

WELDON J. TAYLOR, **Accounting**
ARIEL S. BALLIF, **Sociology**
THOMAS PETERSON, **Bureau of Visual Instruction**
MARY H. SMEATH, **Clerk**
OLIVER R. SMITH, **Assistant in Extension Division**

Special Instructor

MRS. CHRISTEN JENSEN, **English Literature**
MRS. NELLIE S. THORNTON, **English**
J. F. WAKEFIELD, **Apiculture**
A. A. ANDERSON, **Scouting**
MRS. EDNA CULMSEE, **Office Practice**

Home Study Service

Since the organization of Brigham Young University Extension Division in 1921, formal instruction by home study and extension classes has been given to many thousands of individuals. Other thousands have received instruction through Leadership Institutes, including the annual Leadership Week of the University, and through lectures by members of the faculty, club programs, and other services.

The Extension Division offers correspondence work, among other services, to aid in enlarging the educational horizons of the many people who cannot take standard college work in residence. It is the desire of the Extension Division to assist anyone, anywhere, to continue his or her education.

Supervised individual instruction from a highly-trained instructor has definite advantages to the correspondence student, but perhaps the greatest advantages come through the serious application and independent thinking the student must contribute to the completing of his course. His success in the work depends largely upon his own initiative and eagerness for knowledge, and upon his personal standards of the quality of the work he is doing.

B. Y. U. Nationally Accredited

Brigham Young University, founded and endowed in 1875 by Brigham Young, is one of the most rapidly growing universities in the West. About four thousand people now receive institutional credit each year.

Brigham Young University is a standard American university. It is on the approved list of the Association of American Universities, Association of American Colleges. The American Council on Education, and the Northwest Association of Secondary and High Schools. This means that its credits are accepted as widely as those of other similarly rated institutions.

Distinction Between Correspondence and Extension Classes.

The term, Extension work, includes among other services both extension and correspondence classes. The latter are also called home study classes. An extension class is one taught by a faculty member, in essentially the same way as he handles his regular residence classes. Extension classes are often held in outlying towns, where the instructor goes each week for a certain length of time until the requirements of the course of study have been met.

Home study or correspondence courses are those for which individual students enroll at the Extension Division. The work is handled by study outlines and textbooks, and is divided into lessons or assignments which the student prepares and submits to the designated instructor for correction and grading. At the completion of lesson work, the student may come to the extension office for his examination (if convenient), or a supervised test will be given him at his own address. His grade is determined by an average of his lesson grades, fifty per cent, and fifty per cent on the examination grade.

Cost of Extension Work

So far as information is available, the cost of extension work in Utah is lower than in any other state in the union. Even if it were several times as costly, it would still be less than the cost of residence work. When it is remembered that the individual does not need to give up regular employment but can do extension work at night and at other times of leisure, the inexpensiveness of this type of study is still more apparent.

Unless otherwise stated, the fees are \$2.50 per credit hour. Exceptions are made for only two or three courses where the instructor must do added work or provide special materials.

The student must buy his textbooks. Supplementary readings listed as such may be used on the library fee basis; the student pays a fee of \$2.00 for each course, and receives \$1.00 back

as a refund when the books are returned in good condition. Books may be purchased from B. Y. U. Student Supply Company, or ordered direct from the company.

Some second-hand books are available at the Extension Division and will be supplied whenever possible, unless new books are specifically designated.

The Extension Division pays postage on material sent to the student. The latter pays postage on material sent to us.

Methods of Correspondence Instruction

With few exceptions, each home study course carries credit equivalent to the corresponding course in residence and therefore will cover the same amount of work. Most of the courses contemplate the student's doing about five assignments for each quarter hour of credit received.

After filing application for enrollment and paying the fee, the student is sent the assignments. He receives full instructions as to required reading and the preparing of his lessons, including questions to test his knowledge of the material.

When a lesson is completed, the papers are to be mailed to the Extension Division, Brigham Young University, Provo, Utah. The lessons are checked and graded by the designated instructor, and returned to the student.

Eligibility

A student may begin correspondence work (for credit) if he has met, or can meet, the entrance requirements of Brigham Young University as designated in the general catalogue, and if he is not regularly enrolled in residence work. (Students carrying residence work must have the signed approval of their dean, if they wish to enroll for correspondence classes.) A mature student may take correspondence work provided he can do the work satisfactorily, but the credit will not apply toward a degree until entrance requirements of the University are met. High school units of credit are available in some subjects, but enrollees (of high school age) must send with their applications a letter from the principal, stating the reasons why such credits should be earned in correspondence, and giving signed approval.

Regulations

1. A total of 45 hours may be earned in extension and correspondence classes, to apply toward the 186 required for graduation from this university.

2. No graduate credit can be earned in correspondence courses.

3. A total of nine hours of graduate credit can be earned in extension courses, provided it is in the major field of study or very closely allied to it and has been approved.

4. A student may begin at any time a course for which he is eligible, and should aim to complete the course within a year from the time he enrolls.

5. Students must distribute reports with approximate regularity throughout the period of study. Each assignment is intended to cover about a weeks work (one hour per day); should it be desirable to send in more than two assignments each week, the student must obtain the permission of the instructor.

6. Even with special permission a student may complete no more than four credit hours per month, by home study.

7. A student may not take correspondence or extension classes while doing residence work, without the consent of his dean. Provided his total hours amount to more than sixteen, he must submit a petition to the petitions committee, for the extra credit.

8. A student who does not report either by lesson or by letter within a period of ninety days forfeits his right to further instruction in the course and will be allowed to take up the work again only upon payment of a \$2.50 reinstatement fee.

9. Unless otherwise stated, examinations are required in all courses before credit is given. These examinations must be supervised by a responsible school official. Where it is convenient, the examination should be taken at the Extension Division, Room 304 Brimhall Building, B.Y.U.

10. Fees will not be refunded because of inability of a student to continue a course for which he has registered. He may be given permission to change to some other course in correspondence, if no work has been done.

11. Prompt responses by both students and instructors are expected, and are necessary for successful correspondence study. The Extension Division will appreciate receiving work at regular intervals and explanations for any necessary delays.

Other Extension Services

In addition to correspondence and extension classes, the Extension Division offers the following services:

1. **Visual Aids Service.** The Extension Division maintains a Bureau of Visual Instruction library of 16-millimeter motion pictures, 35-millimeter film strips, and glass slides. Illustrative material for practically every course in the usual curriculum is available. During the 1938-39 school year approximately 35,000 students ranging from kindergarten to college grade regularly viewed educational pictures from the Bureau and many hundreds of others attended occasional showings. It is commonly found that the proper use of visual aids to instruction leads to a measurable increase in learning. The above-mentioned aids may be borrowed by schools and other non-theatrical organizations. A catalog listing the materials available, rules under which they may be borrowed, and service fees, will be sent upon request.

2. **Leadership Institutes.** In addition to the general Leadership Week held each year at the University, members of the faculty sometimes go into communities and hold local institutes. With the cooperation of the university, and of the L. D. S. stakes concerned, Leadership Weeks are now held annually in several other regions of the west.

3. **Lyceum and Lecture Courses.** Professional lyceum numbers in music, drama, and lecture are available at nominal charges. Where communities desire, they may secure a series of lectures by members of the faculty on a variety of subjects. A lecture course of eight or ten numbers is recommended to commercial clubs, school districts, and other civic or religious groups.

4. **Free Lecture and Entertainment Service.** Within reasonable distance from Provo, faculty members and student groups may be secured for the payment of expenses. High schools, ward organizations, civic clubs, and others have availed themselves of this opportunity in the past.

5. **Programs for Women's Clubs.** Study outlines in a number of subjects, each of which covers a full year's work, are available to women's clubs upon the payment of a nominal subscription fee of \$6.00. Additional copies of the outline may be had for 50c each.

CORRESPONDENCE COURSES

Note: Courses marked "x" are either not given in residence or do not correspond precisely to residence courses in the same subject. All other courses parallel residence courses by the same number.

Agronomy

- 21. **General Crops.** Four hours credit. Shaw.
- 41. **Soils.** Three hours credit. Martin.
- 92. **Bacteria in Relation to Soil Fertility.** Three hours credit. Martin.
- 94. **History of Agriculture.** Three hours credit. Martin.
- 99. **Agricultural Literature.** Credit to be arranged. Martin.

Animal Husbandry

- 2. **History of Breeds of Live Stock.** Five hours credit. Ivins.
- 8. **Practical Poultry Farming.** Three hours credit. Ivins.

Art

- 14. **Commercial Art.** Two hours credit. Jenson.
- 15. **Commercial Art.** Two hours credit. Jenson.
- 16. **Commercial Art.** Two hours credit. Jenson.
- 17x. **Illustration.** Two hours credit. Jenson.
- 41, 42, 43. **Normal Art.** Three hours each unit. Jenson.
- 52, 53. **Art History and Appreciation.** Two hours each unit. Birrell.
- 64. **Water Color Painting.** Two to four hours credit. Jenson.

Bacteriology

- 21. **General Bacteriology.** Three hours credit. Martin.

Botany

- 3. **Classification of Plants.** Three or five hours credit. Harrison.

COMMERCE**Accounting and Business Administration**

- 1. **Elementary Accounting.** Five hours credit. Taylor.
- 2. **Elementary Accounting.** Five hours credit. Taylor.
- 61x. **Personnel Administration, Labor Problems.** Three hours credit. Taylor.

- 64. **Business Psychology.** Four hours credit. Poulson.
- 74. **Principles of Statistics.** Three hours credit. Taylor.

Finance and Banking

- 14. **Economic and Financial History of the United States.** (See Econ. 14.)

Marketing

- 30. **Geography of Economic Products.** (See Geography 6.)
- 58. **Principles of Merchandising.** Four hours credit. Taylor.

Office Practice

- 11-12. **Shorthand.** Four or eight hours credit. Mrs. Culmsee.
- 31. **Business English.** Three hours credit. Mrs. Culmsee.

Drawing

- 4. **Drawing.** Three hours credit. Snell.
- 5. **Drawing.** Three hours credit. Snell. Prerequisite, 4.
- 10. **Perspective Drawing.** Two hours credit. Snell.
- 13. **Architectural Drawing.** Two hours credit. Snell. Prerequisites, 4, 5.
- 14. **Architectural Drawing.** Two hours credit. Snell. Prerequisite 13.
- 15. **Architectural Drawing.** Two hours credit. Snell. Prerequisites, 13, 14.

Economics

- 1. **Introduction to Economics.** Five hours credit. Miller.
- 2. **Principles of Economics.** Five hours credit. Miller. Prerequisite, 1.
- 14. **Economic and Financial History of the United State.** Three hours credit. Miller.
- 61. **Labor Problems.** Three hours credit. Taylor.
- 93. **Economic History of Agriculture.** Three hours credit. Martin.

Education

- 3. **Literature for Children.** Four hours credit. Dusenberry.
- 50. **Rural Education.** Three hours credit. Merrill.
- 50x. **(Secondary or Elementary) Principles of Education.** Four hours credit. Lloyd.

Educational Administration

- 53x. **Organization and Administration of Secondary Schools.** Three hours credit. Merrill.
57. **Old and New Type Examinations.** Three hours credit. Sudweeks.
- 90x. **Youth and its Leadership.** Five hours credit. Lambert.
100. **Independent Readings.** Lambert.

Elementary Education

3. **Literature for Children.** Four hours credit. Dusenberry.
- 22x. **Hygiene and Sanitation.** Three hours credit. Beck.
- 50x. **Principles of Education.** Four hours credit. Lloyd.

Philosophy of Education

- 51x. **History of Education.** Three hours credit. Lloyd.
74. **Rural Sociology.** (See Sociology 53) Three hours credit. Ballif.
87. **Methods of Character Education.** Four hours credit. Lloyd.

Secondary Education

- 50x. **Principles of Education.** Four hours credit. Lloyd.
- 53x. **Organization and Administration.** Three hours credit. A. N. Merrill.
- 55x. **Secondary Education in the United States.** Four hours credit. Merrill.
94. **Educational Guidance and Personnel.** Three hours credit.

English

1. **Rhetoric and Composition.** Three hours credit. Thornton.
2. **Rhetoric and Composition.** Three hours credit. Thornton. Continuation of Course 1.
3. **Rhetoric and Composition.** Continuation of course two.
4. **Business English.** Three hours credit. Mrs. Culmsee. (See Office Practice.)
11. **Advanced English Grammar.** Four hour credit. Jensen.
- 16x, 17x. **Survey of American Literature.** Four hours credit. Mrs. Jensen.
- 20, 21, 22. **Masterpieces of English Literature.** Six hours credit. Carroll.
- 21x, 22x, 23x. **Survey of English Literature.** Nine hours credit. Mrs. Jensen.
- 44x. **History and Development of the American Novel.** Four hours credit. Jensen.

- 50x, 51x, 52x. **Readings in World Literature.** Six hours credit. Mrs. Jensen.
- 53x, 54x, 55x. **Readings in World Literature.** Six hours credit. Mrs. Jensen.
- 58x. **The Modern Short Story.** Three hours credit. Mrs. Jensen.
- 59x. **Verse Writing.** Two hours credit. Culmsee.
- 64-1x. **World Literature for Children.** Five hours credit. Mrs. Jensen.
- 65x. **Recent Drama.** Three hours credit. Pardoe.
- 76x. **Tennyson.** Three hours credit. Mrs. Jensen.
- 86-1x. **The Poetry of Robert Browning.** Three hours credit. Mrs. Jensen.
- 86-2x. **Continuation of 86-1x.** Three hours credit. Mrs. Jensen.

Geology and Geography

1. **Survey Course.** Four hours credit. Hansen.
6. **Geography of Economic Products.** Five hours credit. Coffman.
16. **Descriptive Astronomy.** Four hours credit. Hales. (See Physics, 16.)
- 21x. **Weather and Climate.** Four hours credit. Hales. (See Physics 21.)
52. **Human Geography.** Three hours credit. Hansen.
- 65x. **Advanced Mineralogy.** Credit to be arranged. Dennis.

History

- 1 or 51x. **History of England.** Five hours credit. Snow.
- 10, 11. **History of England.** Three or six hours credit. Wilson.
- 20, 21, 22. **American History.** Nine hours credit. Wilson.
- 54x. **Greek History.** Three hours credit. Sperry.
- 71x, 72x, 73x. **History of Modern Europe.** Nine hours credit. Snow.
- 82x. **History of the West.** Five hours credit. Snow.

Home Economics

- 10x. **Elementary Nutrition.** Two hours credit. Barlow.
80. **Household Administration.** Three hours credit. Warnick.

Journalism

- 2x. **Newswriting.** Three hours credit. Culmsec.
52x. **Feature Writing.** Three hours credit. Culmsec.

Landscape Architecture

- 15x. **Theory and Practice of Landscape Architecture.** Three hours credit. Morris.

Mathematics

11. **College Algebra.** Five hours credit. Marshall.
12. **Plane and Spherical Trigonometry.** Five hours credit. Marshall.
49x. **Analytic Geometry.** Five hours credit. Hales.
50. **Differential Calculus.** Four hours credit. Hales.
51. **Integral Calculus.** Four hours credit. Hales.

MODERN LANGUAGES

German

- 13x. **Directed German Reading.** Three hours credit. Prerequisite, ten hours of German. De Jong.
57x, 58x, 59x. **Directed German Reading.** Three hours credit for each course. Prerequisite, fifteen hours of German. De Jong.
67x. **German Composition.** Three hours credit. Prerequisite, eighteen hours of German. De Jong.

French

- 13x. **Directed French Reading.** Three hours credit. Prerequisite, ten hours of French. Cummings.
57x, 58x, 59x. **Directed French Reading.** Three hours credit for each course. Prerequisite, fifteen hours of French Cummings.
67x. **French Composition.** Three hours credit. Prerequisite, eighteen hours of French. Cummings.

Spanish

- 13x. **Directed Spanish Reading.** Three hours credit. Prerequisite, ten hours of Spanish. Cummings.
57x, 58x, 59x. **Directed Spanish Reading.** Three hours credit for each course. Prerequisite, fifteen hours of Spanish. Cummings.
67x. **Spanish Composition.** Three hours credit. Prerequisite, eighteen hours of Spanish. Cummings.

Music

81x, 82x, 83x. **History of Music.** Nine hours credit. Madsen.

Physical Education

94. **Tests and Measurements in Physical Education.** Three hours credit. Hart.

Physics

16. **Descriptive Astronomy.** Four hours credit. Hales.

21. **Meteorology.** Four hours credit. Hales.

Psychology

10. **Study Habits and Mental Hygiene.** Two hours credit. Poulson.

11. **General Psychology.** Five hours credit. Poulson.

51. **Educational Psychology.** Three hours credit. Dusenberry.

64. **Applied Psychology.** Four hours credit. Poulson.

74. **Advanced Educational Psychology.** Four hours credit. Poulson. Prerequisite, three hours of elementary Psychology.

Religious Education

3x. **Church History.** Two hours credit. Wilson.

14. **Genealogy.** Two hours credit. Sudweeks.

19. **Doctrine and Missionary Methods.** Two hours credit. Ivins.

20. **History of Religious Propoganda.** Two hours credit. Ivins.

77, 78, 79. **Scout Leadership.** Six hours credit. Anderson.

Sociology

11-12 or 55-56. **Elementary Principles of Sociology.** Six hours credit. Christensen.

53. **Rural Sociology.** Three hours credit.

Speech

1. **Public Speaking.** Three hours credit. Pardoe.

51. **Advanced Public Speaking.** Three hours credit. Pardoe.

72. **Theory of Play Production.** Three hours credit. Morley.

91. **Methods of Teaching Speech.** Three hours credit. Morley.

95. **Speech Correction.** Three hours credit. Morley.

Zoology and Entomology

20x. **Health Education.** Three hours credit. Hayward.

32. **Insect Classification.** Credit to be arranged. Tanner.

32x. **Apiculture.** Three hours credit. Wakefield.

75. **History of Zoology.** Three hours credit. Tanner.

79. **Eugenics.** Three hours credit. Tanner.

93. **Field Zoology.** Credit to be arranged. Tanner.

HIGH SCHOOL COURSES

English

- d. **A Study of the Types of Literature.** One unit credit.

Geography

- a. **Economic Geography.** One unit credit. Coffman.

Mathematics

- a. **High School Algebra.** One unit credit. Marshall.
b. **Plane Geometry.** One unit credit. Coffman.
c. **Second Course in Algebra.** One unit credit. Marshall.
d. **Solid Geometry.** One-half unit credit. Marshall.

Training Schools

FRANKLING S. HARRIS, President.

AMOS N. MERRILL, Dean of College of Education

EDGAR M. JENSON, Director, Training Schools.

Supervisors

A. N. MERRILL, Secondary Training

EDGAR M. JENSON, Secondary Training

A. C. LAMBERT, Secondary Training

W. H. BOYLE, Secondary Training

G. L. WOOLF, Secondary Training

HERMESE PETERSON, Elementary Training

REUBEN D. LAW, Elementary Training

Secondary School Faculty

G. L. WOOLF, Principal, French, Civics, Theology

C. LAVOIR JENSEN, Mathematics

W. ELMO COFFMAN, Geography and Physics

ANNA B. HART, English, Theology

WM. H. BOYLE, Economics and Sociology

BILLIE HOLLINGSHEAD, Social Science

WILFORD D. LEE, English, Theology

SANFORD BINGHAM, German, English, Social Science, Theology

ANTONE NISSON, Science, Mathematics

EVAN CROFT, Office Practice

C. J. HART, Physical Education Critic Teacher

DAVID CROWTON, Physical Education, Coach

LEONA HOLBROOK, Physical Education

WILLIAM F. HANSON, Music

MARY MCGREGOR, Music

VERLA BIRRELL, Art

PERCIVAL BIGELOW, Shop Work

WILLIAM H. SNELL, Shop Work and Mechanical Drawing

MORRIS CLINGER, Speech

MAY BILLINGS, Sewing

Elementary School Faculty

HERMESE PETERSON, **Principal**
REUBEN D. LAW, **Supervisor**
JOSEPHINE M. STRONG, **Kindergarten**
MAY C. HAMMOND, **First Grade**
LILLIAN B. CLAYTON, **Second Grade**
FLORA FISHER, **Third Grade**
GLADYS KOTTER, **Fourth Grade**
GEORGIA MAESER, **Fifth Grade**
L. ELLIOTT TUTTLE, **Sixth Grade**

ORGANIZATION AND PURPOSE

The Training Schools are organized on a kindergarten 6-3-3 basis; viz: a kindergarten, an elementary division, a junior and a senior high school.

Students enrolled in the training schools have all the advantages of the University plant such as the use of the libraries, gymnasiums, laboratories, shops, athletic fields, auditorium, etc. These enlarged opportunities, with the advantages of expert teachers, make the training schools especially attractive and advantageous to students of elementary and high school age.

Provisions are made for promotions from grade to grade and from one division to another so that pupils may enter either the kindergarten or first grade and remain in continuous attendance until they are graduated from one of the colleges of the University. The educational welfare of the students is safeguarded by an enriched curriculum. In addition, provisions are made for moral and religious training every year the student is in attendance.

ELEMENTARY TRAINING SCHOOL

The elementary training school covers the range from the kindergarten through the first six grades.

The enrollment in this department is limited to the number of pupils who can be adequately cared for in each grade. Priority of application is the basis upon which students are enrolled.

A staff of especially well-qualified instructors, with the facilities offered by the university and the assistance given by student teachers and special instructors provides wide range of experience for the children. Much attention is given to indi-

vidual needs and interests and to the development of special abilities. The aim is to exhibit as completely as possible a pattern of modern progressive school in action.

This department serves as a laboratory in modern school practice for the training of student teachers in the field of elementary education, and for the testing of current educational theory.

JUNIOR HIGH SCHOOL

Pupils completing the first six grades are regularly promoted to the **Junior High School**. Here departmentalization begins, permitting of variation in courses and a wide range of contact with expert instructors. Entrance to the Senior High School is based upon the completion of the courses outlined for the Junior High School. A maximum of four units plus one year of Theology credit will be allowed for ninth year work to count toward filling group requirements and toward graduation from the Senior High School for those pupils coming from schools which do not maintain a Junior High School.

SENIOR HIGH SCHOOL

Students will be graduated from the **Senior High School** upon completion of twelve units of work in the Senior High School. These twelve units of work with the exception of algebra and foreign languages, must be secured in Senior High School and must include all the constants prescribed.

AIMS AND REGULATIONS

It is the purpose of the high school to develop in its students, habits of regularity, punctuality and industry. Willing and serious application to the tasks at hand is considered of fundamental importance in meeting life situations. It is the aim of the school to have students work vigorously during the day in order to develop the above qualities and to minimize home preparation of lessons. To achieve these aims, the following regulations apply to those enrolled:

(1) Students are accountable to the school for all their time during the school day, except the noon hour, from 8:30 A. M. until 3:30 in the afternoon, provided no classes are held after that time. Permission should be obtained from the principal and teachers in case students are required to leave the

school at any time during the day. Such permission should be obtained prior to departure. Attendance at study sessions is as obligatory upon the student as are class recitations.

(2) All L. D. S. students are required to register for Theology. Students who fail continually to do satisfactory work in their courses in any department will not be permitted to remain in classes.

(3) Students are required to take the regulation courses in physical education during residence at this school. Students are released from this requirement only upon statement of physical disability signed by a competent physician. Satisfactory grades in physical education courses are required for graduation.

High School Activities

Under the direction of the faculty and the student body organization, an adequate program of athletic and social activities is provided for the junior and senior high school students.

All high school groups have regular social gatherings and recreational activities under faculty supervision and guidance. They have competitive activities in athletics, debating and public speaking, and essay writing. Each year the school produces a dramatic or a musical program. The school is a member of the State High School Debating Association and the Utah High School Athletic Association. In addition to these opportunities for extra-curricular activity a regular High School Student Body organization is maintained with the various activities that naturally are sponsored by such organizations. The high school students have also the advantage of participation in the regular activities of the University student body life.

Credit

Those classes which require outside preparation which meet five days each week for full fifty minutes, and which continue for the full school year of 36 weeks of actual class work carry one unit of credit. In some cases students may transfer nine hours college credit for one unit of high school credit.

Students who register late or who discontinue before the end of the school year or miss a portion of their work during the school year can receive no higher grade than "Incomplete" until the required work of the course is completed. An incomplete grade carries no credit. Such a grade may be removed within one year and credit received.

SECONDARY TRAINING SCHOOL CURRICULA

Junior High School

**7th Grade
Subjects**

Constants: Religion Class, Physical Education, English I, Geography, Mathematics I, Music, Reading, Domestic Science and Art, and Study Periods.

Electives: Art, Orchestra.

**8th Grade
Subjects**

Constants: Religion Class, Physical Education, English II, General Science, History, Mathematics II, Music, Reading, and Study Periods.

Electives: Art, Orchestra.

**9th Grade
Subjects**

Constants: Religion Class, Physical Education, English, Biology, Community Civics.

Electives: Art, Algebra, Chorus, Domestic Science, Domestic Art, Orchestra, Shop, and Theory of Music.

Senior High School

Students desiring to graduate from the B. Y. U. High School and to qualify for college entrance at the same time, are required to register for the following courses:

Grade X. English B, Theology B, Physical Education.

Grade XI. English C,* Theology C, Physical Education.

Grade XII. Sociology and Economics, Theology D, Physical Education.

Sometime during Senior High School: Algebra (unless taken in grade IX) or Geometry, American History or European History, Physics or Chemistry.

Special courses may be planned for those high school students who do not intend to be officially graduated from high school or who do not intend to go to college.

Senior High School Courses

| Subject | Days | Year Taken | Credit |
|------------|------|------------|--------------------|
| Art | | | |
| Art | 2 | Elective | 10 to 12 ½ unit |

*Under special conditions approved by the principal, English D may be substituted for English C.

| Subject | Days | | Year Taken | Credit |
|-------------------------------------|------|----------|------------|--------------------|
| Business | | | | |
| Accounting-Elem. | 5 | Elective | 10 to 12 | 1 unit |
| Accounting-Adv. | 5 | Elective | 11 to 12 | 1 unit |
| Shorthand | 5 | Elective | 11 to 12 | 1 unit |
| Typewriting, Elem. | 5 | Elective | 10 to 12 | $\frac{1}{2}$ unit |
| Typewriting, Adv. | 5 | Elective | 10 to 12 | $\frac{1}{2}$ unit |
| English | | | | |
| Composition, Literature and Grammar | 5 | Constant | 11 | 1 unit |
| Grammar and Literature | 5 | Constant | 10 | 1 unit |
| Literature | 5 | Elective | 10 to 12 | 1 unit |
| Home Economics | | | | |
| Dressmaking | 5 | Elective | 10 to 12 | $\frac{1}{4}$ unit |
| Homemaking | 5 | Elective | 10 to 12 | $\frac{1}{2}$ unit |
| Language | | | | |
| French A or B | 5 | Elective | 10 to 12 | 1 unit |
| Latin A | 5 | Elective | 10 to 12 | 1 unit |
| German A or B | 5 | Elective | 10 to 12 | 1 unit |
| Mathematics | | | | |
| Algebra* | 5 | Elective | 10 to 12 | 1 unit |
| Geometry* | 5 | Elective | 10 to 12 | 1 unit |
| Arithmetic (Bus.) | 5 | Elective | 10 to 12 | 1 unit |
| Music | | | | |
| Chorus | 4 | Elective | 10 to 12 | $\frac{1}{4}$ unit |
| Orchestra | 3 | Elective | 10 to 12 | $\frac{1}{4}$ unit |
| Theory of Music | 3 | Elective | 10 to 12 | $\frac{1}{4}$ unit |
| Physical Education | | | | |
| Physical Ed. (Girls) | | Constant | 9 to 12 | $\frac{1}{4}$ unit |
| Physical Ed. (Boys) | | Constant | 9 to 12 | $\frac{1}{4}$ unit |
| Religious Education | | | | |
| Theology B | 3 | Constant | 10 | $\frac{1}{2}$ unit |
| Theology C | 3 | Constant | 11 | $\frac{1}{2}$ unit |
| Theology D | 3 | Constant | 12 | $\frac{1}{2}$ unit |

*These subjects are only partially elective as either one or the other in each group must be taken

| Subject | Days | | Year Taken | Credit |
|------------------------|------|----------|------------|--------|
| Science | | | | |
| Physics* | 5 | Elective | 10 to 12 | 1 unit |
| Physiology (1 sem.) | 5 | Elective | 10 to 12 | ½ unit |
| Chemistry* | 5 | Elective | 10 to 12 | 1 unit |
| Botany (1 sem.) | 5 | Elective | 10 to 12 | ½ unit |
| Shop | | | | |
| Auto Mechanics | 5 | Elective | 10 to 12 | ½ unit |
| Drafting A or B | 5 | Elective | 10 to 12 | ½ unit |
| Woodwork A or B | 5 | Elective | 10 to 12 | ½ unit |
| Social Science | | | | |
| American History* | 5 | Elective | 10 to 12 | 1 unit |
| European History* | 5 | Elective | 10 to 12 | 1 unit |
| Economics and | | | | |
| Sociology | 5 | Constant | 10 to 12 | 1 unit |
| Geography | 5 | Elective | 10 to 12 | 1 unit |
| Psychology (each sem.) | 5 | Elective | 10 to 12 | ½ unit |
| Speech | | | | |
| Dramatic Art | 5 | Elective | 10 to 12 | ½ unit |
| Public Speaking | 5 | Elective | 10 to 12 | ½ unit |

*These subjects are only partially elective as either one or the other in each group must be taken

Graduates 1938-39

MASTER DEGREES

Master of Arts

- ASHBY, ROBERT MORRELL.....American Fork
 A. B. Degree, Brigham Young University, 1934.
 Major: Physics
 Thesis: A Study of the Techniques of Residential Air
 Conditioning in the Arid Regions of Western United
 States.
- JACOBS, J. SMITH Ogden
 A. B. Degree, Brigham Young University, 1930.
 Major: English.
 Thesis: The Historicity of the Contemporary Civil War
 Novel.
- McINTYRE, WAYNE FRANKLIN.....Provo
 A. B. Degree, Brigham Young University, 1936.
 Major: German.
 Thesis: "Nationalism in Grillparzer's Dramas".
- MINER, DELBERT LAMAR.....Fairview
 A. B. Degree, Brigham Young University, 1938.
 Major: Chemistry:
 Thesis: A Study of Magnesium in Some Biological Ma-
 terials.
- NISSON, ANTONE WILLARD.....Washington, Utah
 A. B. Degree, Brigham Young University, 1935.
 Major: Botany.
 Thesis: The Rise and Development of the Megagameto-
 phyte of *Yucca Angustissima* Engelm.
- RICHARDSON, EDMUND ARTHUR.....Provo
 A. B. Degree, University of Arizona, 1928.
 Major: Education.
 Thesis: A Study of the Vocabulary Content of Spanish
 Grammars For High Schools Published Since 1930.
- SMITH, HYRUM J.Salt Lake City
 A. B. Degree, Brigham Young University, 1938.
 Major: Marketing
 Thesis: History and Results of Operation of the Salt Lake
 and Utah Railroad.

- VAN ALFEN, NICHOLAS.....Ogden
 A. B. Degree, Brigham Young University, 1935.
 Major: History.
 Thesis: Porter Rockwell, a Frontier Sheriff.
- VAN WAGONER, MERRILL Y. Midway
 A. B. Degree, Brigham Young University, 1939.
 Major: French.
 Thesis: Some Aspects of Semantic Alteration in French.
- YOUNG, W. ERNEST Colonia Juarez, Chih., Mexico
 A. B. Degree, Brigham Young University, 1935.
 Major: Education.
 Thesis: A Curriculum of Readings in the Field of Religious
 Education from Spanish American Sources Designed
 for Seminary Students.

Master of Science

- BAILEY, THELL A. Sanford, Colorado
 B. S. Degree, Brigham Young University, 1938.
 Major: Chemistry.
 Thesis: The Detergency of Soap-Bentonite Mixtures.
- CAHOON, DE RAUNZ ALDER.....Cardston, Canada
 B. S. Degree, Brigham Young University, 1938.
 Major: Accounting and Business Administration.
 Thesis: Studies of the Retail Method of Inventory.
- CHRISTENSEN, REX LORENZO.....Ephraim
 B. S. Degree, Brigham Young University, 1938.
 Major: Religious Education.
 Thesis: A Study of the Minor Prophets with Special
 Reference to Latter-day Saints Theology.
- DIXON, FRED W. Provo
 B. S. Degree, Brigham Young University, 1926.
 Major: Physical Education.
 Thesis: The Present Status of the Game of Tennis in the
 High Schools of Utah with Recommendations for
 the Improvement and Development of the Tennis
 Program Based on Needs Discovered in this Survey.
- HALL, MAURICE BARKERSantaquin
 B. S. Degree, Brigham Young University, 1937.
 Major: Physics.
 Thesis: A Study of the Diffuse Reflection of Light
 Through a Photographic Negative by Sensitometric
 Methods.

- HARRIS, ALVIN Portage
 B. S. Degree, Brigham Young University, 1933.
 Major: English.
 Thesis: The Washakie Indians and Their Legends.
- LUNDQUIST, STEPHEN JUNIOR.....Provo
 B. S. Degree, Brigham Young University, 1937.
 Major: Theory of Music.
 Thesis: An Analysis of Beethoven's Fourth Symphony.
- MADSEN, EARDLEY B. Manti
 B. S. Degree, Brigham Young University, 1933.
 Major: Chemistry.
 Thesis: The Preparation of Para-Chloro Meta-Xylenol.
- MARKHAM, BEN S.....Spanish Fork
 B. S. Degree, Brigham Young University, 1936.
 Major: Botany.
 Thesis: A Preliminary Study of the Vegetative Cover in Spanish Fork Canyon, Utah.
- NIELSON, ALFRED C. Salt Lake City
 B. S. Degree, University of Utah, 1928.
 Major: Religious Education.
 Thesis: A Preliminary Study of Duplication in the Courses of Study Prepared for Ten Youth Organizations of the Church of Jesus Christ of Latter-day Saints, Covering the Ten-Year Period, September, 1927, to August, 1937.
- NIELSON, AVERIL B. Dayton, Washington
 B. S. Degree, Brigham Young University, 1936.
 Major: Agronomy.
 Thesis: Effects of Overgrazing Range Lands and Seeded Pastures and the Value of Protection in Correcting the Effects of Overgrazing.
- RIGBY, WENDELL M. Heber
 B. S. Degree, Brigham Young University, 1927.
 Major: Religious Education.
 Thesis: A Study of the Teachers in Senior Seminaries of Church of Jesus Christ of Latter-day Saints, 1936-37.
- SNELL, WM. H. Provo
 A. B. Degree, Brigham Young University, 1918.
 Major: Accounting and Business Administration.
 Thesis: Elements Involved in the Construction, Maintenance, and Management of Dormitories at Brigham Young University and Five Other Western Universities.

- STRONG, LEON MARSHALL**..... Sugar, Idaho
 B. S. Degree, University of Utah, 1924.
 Major: Religious Education.
 Thesis: A History of the Young Men's Mutual Improvement Association 1895-1938.
- WEST, MARTHA JANE** Boston, Mass.
 B. S. Degree, University of Pittsburg, 1936.
 Major: Zoology.
 Thesis: A Survey of Dental Conditions Found in the School Children of Grades One to Twelve Inclusive, in Emery County, Utah, 1937-39.
- WILSON, NORMAN**.....Gibbsland, La.
 A. B. Degree, Morehouse College, 1935.
 Major: Agricultural Economics.
 Thesis: Opportunities of the American Negro for Land Settlement.

BACHELOR DEGREES

COLLEGE OF APPLIED SCIENCE

Bachelor of Arts

- Collins, Raymond William Ogden
 Harris, Leah Dorothy Provo
 Heywood, Edith Panguitch
 Hinman, Edgar W. Cardston, Alta., Canada
 Janssen, Helen Murray
 Knudsen, Eudora Lehi
 Reichert, Malno Ada Price
 Scorup, Edith Salina

Bachelor of Science

- Allred, Arline Lehi
 Allred, R. Clay Salt Lake City
 Blackmore, William Cardston, Alta. Can.
 Brown, John Charl Grantsville
 Burgess, Pauline Alpine
 Call, Mildred Stewart Provo
 Christensen, Margaret Provo
 Cope, Clyda Provo
 Curry, Reginald Oran Ft. Duchesne
 Dixon, Stella Provo
 Duffin, Marie Salt Lake City
 Ellsworth, Nada Provo

| | |
|--------------------------------|------------------|
| Gassman, Alta Thompson | Ephraim |
| Graham, Ray Clegg | Wallsburg |
| Gibby, Irvin W. | Roy |
| Kimball, Thomas Lloyd | Phoenix, Ariz. |
| Livingston, Faun | Provo |
| Madsen, Russell J. | Provo |
| Mayer, Charlotte Louise | Manderson, Wyo. |
| McAllister, Dorothy | Spanish Fork |
| Moore, Eleanor | Spanish Fork |
| Nicholes, Max Maiben | Provo |
| Potter, Margaret Schow | Lehi |
| Raddatz, Henry Emil | Santaquin |
| Rasmussen, Levar Spens | Burlington, Wyo. |
| Richardson, Ivié Lurlene | Provo |
| Roberts, Ivy | Delta |
| Schow, Erma D. | Lehi |
| Smith, Donald H. | Ogden |
| Thomas, L. Dean | Spanish Fork |
| Thurman, Elizabeth | Provo |
| Weeks, Helen | Pleasant Grove |

COLLEGE OF ARTS AND SCIENCES

Bachelor of Arts

| | |
|---------------------------------|--------------------|
| Bingham, Sanford M. | American Fork |
| Brown, Clark K. | American Fork |
| Carver, John Alfred, Jr. | Boise, Idaho |
| Clark, Jeanette | Ogden |
| Clark, Justus Kent | Ogden |
| Cottam, Jean | St. George |
| Crosbie, Robert Ray | Provo |
| Fish, Charles R. | Provo |
| Gaeth, Arthur | Provo |
| Garrett, Ralph L. | Nephi |
| Gearheart, Verla Bess | Chinook, Montana |
| Gubler, Clark Johnson | LaVerkin |
| Hallam, Lucille | Spanish Fork |
| Harper, Wilson T. | Oakley, Idaho |
| Hartley, Gwen | Fairview |
| Hemingway, Thomas Francis | Ely, Nevada |
| Jackson, Elvon Gee | Provo |
| Jacobs, Briant S. | Mt. Pleasant |
| Jolley, Calvin Barnson | Long Beach, Calif. |
| Kennard, Leonidas H. | Logan |

| | |
|------------------------------|-----------------------|
| Merrill, Paul J. | Provo |
| Munson, Voyle L. | Escalante |
| Pendleton, Carol | Provo |
| Pond, Cleo | Fairfield, Idaho |
| Simangan, Esteban T. | Tubuegarao, P. I. |
| Spackman, Fred Neal | Stirling, Alta, Can. |
| Squire, Spencer | Manti |
| Swenson, Calvin Helge | Pleasant Grove |
| Taylor, John Bennion | Col. Dublan, Chih, M. |
| Valentine, Lee Benson | Brigham City |
| Van Wagoner, Merrill Y. | Midway |
| Walker, Sonoma Robins | Pleasant Grove |
| White, Morgan Dean | Morgan |
| Wilson, Harriet Carma | Roosevelt |

Bachelor of Science

| | |
|--------------------------------|----------------------|
| Allen, R. Scott | Provo |
| Anderson, Lynn Wallace | Marquette, Neb. |
| Ballard, Howard A. | Draper |
| Bartholomew, Wm. Victor | Fayette |
| Barton, Gerald Blackett | Greenville |
| Bigelow, LaVell M. | Provo |
| Bird, Forest W. | Sheridan, Wyoming |
| Blair, James E. | (R. D. No. 2) Provo |
| Bodily, Gerald P. | Preston, Idaho |
| Bowman, Melvin Gardner | Provo |
| Boyer, Paul Delos | Provo |
| Brady, Arlo James | Manassa, Colo. |
| Brooke, Elizabeth Murdock | Beaver |
| Chamberlain, Dell | Orderville |
| Chandler, Harry P. | Provo |
| Clark, Merlin | Cannonville |
| Conover, Don W. | Provo |
| Cook, Fon Elvin | Ogden |
| Gook, Shirl Eldon | Pegram, Idaho |
| Cook, Zelda | Pegram, Idaho |
| Crane, Norma | Provo |
| Erickson, Gerald Leland | Mt. Pleasant |
| Evans, Maria | Malad, Idaho |
| Felt, Bert | Centerfield |
| Fletcher, Charles Thomas | Provo |
| Gardner, Ross D. | Salt Lake City |
| Gibby, Thomas Gilbert | Ogden |
| Hansen, Alma Wayment | (R. D.) No. 2) Ogden |

| | |
|--------------------------------|-----------------------|
| Hansen, Grant | Provo |
| Harrison, Stanford | Downey, Idaho |
| Hart, Victor Blaine | Pocatello, Idaho |
| Hassell, Farol L. | Mammoth |
| Lambert, Maurice C. | Provo |
| Laws, Wilford Derby, Jr. | Blanding |
| Leonard, Edwin Guy | Huntington |
| LeSueur, Waldo Y. | Mesa, Arizona |
| Lewis, H. LeGrande | Provo |
| Martin, Joseph Eddy | Menan; Idaho |
| Moss, Wardell Horman | Huntington |
| Neilson, McKay | Washington |
| Nelson, Earl Worthen | Rexburg, Idaho |
| Newell, Wm. Lynn | Provo |
| Payne, Albert Lynn | Provo |
| Peterson, R. Eugene | Ephraim |
| Rasmussen, LeVar Spens | Burlington, Wyo. |
| Richards, Helen McDonald | Salt Lake City |
| Romney, Merlyn | Provo |
| Sorenson, Morris Elmer | Ephraim |
| Starr, Eva | Springville |
| Stevenson, Keith Grange | Castle Dale |
| Stewart, L. Grant | Mt. Pleasant |
| Strickland, Joseph | Norview, Norfolk, Va. |
| Walker, David Smith | Pleasant Grove |
| Weight, Brent N. | Springville |
| White, Bob Owen | Provo |
| Wing, Niles Mercer | American Fork |

COLLEGE OF COMMERCE

Bachelor of Arts

| | |
|------------------------------|-------------------------|
| Bucher, John Richard | Newmartinsville, W. Va. |
| Dexter, Alfred, Jr. | Pleasant Grove |
| Olson, Jay Alfred | Provo |
| Pardoe, William Edward | Provo |
| Thurman, Donald Jay | Provo |

Bachelor of Science

| | |
|----------------------------------|----------------------------------|
| Anderson, Ralph W. | Elsinore |
| Archibald, Keith Stallings | Rexburg, Idaho |
| Aycock, Kenneth Charles | Vernal |
| Ball, A. Elden | (R. D. No. 3) Idaho Falls, Idaho |
| Bateman, Max Gunn | Salt Lake City |
| Bean, Fay Marion | Provo |

| | |
|----------------------------------|-------------------------|
| Black, Karl George | Provo |
| Carpenter, Hermen R. | Park City |
| Christensen, Jack | (R. D. No. 2) Sandy |
| Christensen, Vernon Denzil | Provo |
| Clegg, Reed L. | Provo |
| Cloward, Blake H. | Monroe |
| Clyde, Ed. W. | Heber |
| Coltrin, William A. | Huntington Park, Calif. |
| Crandall, Lowell W. | Springville |
| Davies, Grant Busch | (R. D. No. 2) Provo |
| Done, Willard Edwin | Salt Lake City |
| Dunkley, LeGrand Joseph | Whitney, Idaho |
| Earl, Leland Joseph | (R. D. No. 4) Ogden |
| Graehl, Richard Norman | Ogden |
| Haymore, Franklin Reynard | Douglas, Ariz. |
| Herbert, Leo | Douglas, Ariz. |
| Hobson, George Glen | Salt Lake City |
| Howe, Orvil H. | Provo |
| Iverson, Ivan Charles | Provo |
| Jacobs, Bennett H. | Rockland, Idaho |
| Kennedy, Otto Reay | Randolph |
| King, Dwight Lyman | Provo |
| Leonard, W. Drew | Huntington |
| Love, Raymond Newell | Provo |
| Loveridge, Richard Leroy | Springville |
| McMullin, DeLoy | (R.D. No. 1) Midvale |
| Memmott, LaPrele | Provo |
| Meng, Curt | Rexburg, Idaho |
| Moffitt, Jane | Castle Dale |
| Murry, Mark H. | Las Vegas, Nevada |
| Read, Boyd Albert | Ogden |
| Rice, E. J. | Brigham City |
| Sanders, Orson Ross | Malta, Idaho |
| Sanderson, Lloyd Devon | Fairview |
| Sandgren, Edward A. | Provo |
| Smith, Ferral Larson | Elsinore |
| Stanko, Helen Marlene | Sheridan, Wyo. |
| Sterling, H. Ross | Spanish Fork |
| Straw, Rex E. | Montpelier, Idaho |
| Swanner, Charles Edsell | Spanish Fork |
| Taylor, Kenneth | Provo |
| Willett, Farrell Dean | Pleasant Grove |
| Williams, Dean E. | Malad, Idaho |

COLLEGE OF EDUCATION

Bachelor of Arts

| | |
|--------------------------------|-----------------------|
| Forsyth, William A. | Cardston, Alta., Can. |
| Freckleton, M. John | Provo |
| Geslison, Byron Theodore | Spanish Fork |
| Haggerty, Charles Edward | Keyser, W. Va. |
| Higgs, Afton | Salt Lake City |
| Hodson, Mae E. | Provo |
| Johnson, James Wallace | Vernal |
| Johnson, Nelda Anne | Springville |
| Josie, Charles | Provo |
| Simmons, James A. | Spanish Fork |
| Smith, Katherine Thomas | Provo |
| Taylor, Ruth Elayne | Provo |
| Tippetts, Twain Cropper | Ephraim |
| Whitwood, Kenneth Reid | Spanish Fork |

Bachelor of Science

| | |
|--------------------------------|----------------------|
| Allen, Verle | Las Vegas, Nevada |
| Allred, Darwin L. | Spring City |
| Andrus, LaMar | Provo |
| Andrus, Wanda Ruth | Holladay |
| Ashby, Martha Ellen | Spanish Fork |
| Barnes, Alta | Wellington |
| Barnett, Wilmer Lee | Spanish Fork |
| Beal, Nellie Leo | Ephraim |
| Beckstead, Henry Chad | Midvale |
| Bennett, Vance W. | Meadow |
| Berlin, Ruth | Ogden |
| Bigelow, Lois Leona | Payson |
| Black, Theral R. | Ferron |
| Bowler, Grant | Logandale, Nevada |
| Boyle, Elayne | Provo |
| Brown, Eleanor | (R. D.) Sandy |
| Brown, Vincent McEwan | Provo |
| Burns, Violet J. | Hayward, Calif. |
| Chamberlain, Hans LaVell | Orderville |
| Christensen, Ora | Richfield |
| Clegg, Luke | Roosevelt |
| Cooley, Vernón A. | Logan |
| Cottrell, Dannel George | Draper |
| Cutler, Margie | Salt Lake City |
| Folsom, Ronald Reid | Calgary, Alta., Can. |

| | |
|--------------------------------|----------------------------|
| Fotland, Clara | Provo |
| Fraughton, Elma Thompson | Georgetown, Ida. |
| Froerer, Lillian Mae | (R. D. No. 4) Ogden |
| Geslison, Clarence M. | Spanish Fork |
| Groesbeck, Rhoda | Springville |
| Hafen, Ada | St. George |
| Hansen, Emma Harris | (R. D. No. 3) Ogden |
| Harding, Elden A. | Provo |
| Harker, Lawrence Leon | Didsbury, Alta., Canada |
| Hermansen, Phyllis | Gunnison |
| Hogge, Leah Marelda | Eden |
| Hopper, Franklin Thomas | Spanish Fork |
| Hullinger, Harvey | Lapoint |
| Hunter, Cyrus Russon | Oakley, Idaho |
| Jackson, Reva | Teasdale |
| Jewkes, Jackson O. | Price |
| Johns, Elmer W. | (R. D. No. 3) Ogden |
| Johnson, Dorothy C. | Nephi |
| Jones, Ellen Susann | Sanford, Colo. |
| Jones, Shadrach H. | Provo |
| Killpack, Marjorie | Idaho Falls, Idaho |
| Knudsen, Moyle Lorenzo | Portage |
| Lewis, Lorean | Overton, Nevada |
| Lisonbee, Lela Peterson | Salt Lake City |
| Lowry, Rulon Wood | Taylorville, Alta., Canada |
| Ludlow, Lavinia | Spanish Fork |
| Lunt, Olas Arnold | Duncan, Arizona |
| Maughan, Vivian | Smithfield |
| McGuire, Dorothy | Provo |
| McOnie, Clara P. | Lark |
| McPhie, Hazel M. | Spring Canyon |
| Merrill, Alton Drysdale | Provo |
| Merrill, Edythe Allegra | Hill Spring, Alta., Can. |
| Merrill, Harriet | Smithfield |
| Mickelsen, Gail | Draper |
| Mitchell, Katharine | Provo |
| Mortensen, Ivan Chris | Riverton |
| Mousley, Ella | Riverton |
| Naegle, Mary | St. George |
| Parrish, Mary | Peterson |
| Peters, Cornell Abraham | Provo |
| Pintar, Mary | McGill, Nevada |
| Powelson, A. Marion | Salt Lake City |
| Roberts, Charles Henry | Lehi |

| | |
|----------------------------------|----------------------------|
| Roundy, Laura | Provo |
| Seegmiller, Mishie | St. George |
| Skousen, Rita | Col. Juarez, Chih., Mexico |
| Snow, Wanda McGregor | Provo |
| Soffe, Beth | (R. D. No. 1) Sandy |
| Soffe, Kenneth | Provo |
| Spencer, Ethel | Provo |
| Stephenson, J. Maiben | Delta |
| Toliver, Wm. Meredith | Salida, Colo. |
| Tucker, Frances Purrington | Snowflake, Arizona |
| Turner, LaRue | Spanish Fork |
| Turner, Marjorie | Kaysville |
| Van Leuven, Lyda Harrison | Provo |
| Van Leuven, Thora Hill | Provo |
| Wagstaff, Vera Nebeker | Pleasant Grove |
| Walker, Ferrell Keith | Delta |
| Waters, Merrill Eugene | Sheridan, Wyoming |
| Williams, Emmons Nelson | Poratello, Idaho |
| Wiscombe, Leland M. | Roosevelt |
| Worton, Edith Ethel | (R. D. No. 3) Ogden |

COLLEGE OF FINE ARTS

Bachelor of Arts

| | |
|------------------------------|-------------------|
| Breinholt, Verna Allan | Los Angeles, Cal. |
| Christensen, Kathryn D. | American Fork |
| Clark, Fae | Provo |
| Clark, Helen | Provo |
| Covert, Spencer E. | Spring City |
| Cropper, Ladd R. | Delta |
| Flake, Samuel Dennis | Snowflake, Ariz. |
| Gledhill, Preston Ray | Richfield |
| Holbrook, Helen | Provo |
| Jensen, Beulah | Provo |
| Johnson, Blaine Hart | Spanish Fork |
| Jorgensen, Glade | American Fork |
| Lee, Virginia Fay | Provo |
| Loveless, Helen | Copperton |
| Lunt, Charlotte Nelson | Taylor, Ariz. |
| McKay, Donald Shorten | Ogden |
| Melting, Virginia | Lehi |
| Mendenhall, Max D. | Provo |
| Miller, Vivienne | Basin, Wyoming |
| Nelson, Clifford | Joseph |

| | |
|------------------------------------|--------------------------|
| Nickerson, Sarah | Grantsville |
| Oberhansley, Phyllis Daniels | White Rocks |
| Packard, Jane | Provo |
| Peterson, Dan W. | Pleasant Grove |
| Peterson, Paul A. | Ephraim |
| Peterson, Vera Busch | Manassa, Colo. |
| Purdy, William Earl | Oakley, Wyoming |
| Romney, Isabelle | Col. Juarez, Chih., Mex. |
| Schmutz, Stanley M. | St. George |
| Tietjen, Elizabeth Bernell | Monroe |
| Toland, Gloria Gwendolene | St. John, Kan. |
| Turner, Maxine | Spanish Fork |
| Tyler, Tess Child | Springville |
| Ungermann, Ralph L. | Huntington |
| White, Fay Frances | Provo |
| Wilcox, Vernon Davis | Salem, Oregon |

Bachelor of Science

| | |
|------------------------------|------------------|
| Christensen, Gordon M. | Delta |
| Grasse, Marjorie | Denver, Colorado |
| Muceus, Henry Stebbins | Ames, Iowa |
| Pond, Beth | Fairfield, Idaho |
| Rowe, Lewis Ephraim | Provo |
| Swenson, Arthur Alfred | Provo |

THREE YEAR NORMAL DIPLOMAS

| | |
|-------------------------------|---------------|
| Anderson, Aleene | Elsinore |
| Anderson, Majel | Spanish Fork |
| Atkinson, Nevada Riddle | Provo |
| Baird, Elva | Ogden |
| Barrus, Virginia | Tooele |
| Bentley, Shelby | Parowan |
| Bowers, Lucille | Holladay |
| Brown, Helen Felith | Weiser, Idaho |
| Broadhead, Faye | Nephi |
| Burton, Otis Lynn | Morgan |
| Bybee, Julia | Tropic |
| Clyde, Margaret Eloise | Heber |
| Collett, Edith | Vernal |
| Collett, Edna | Vernal |
| Crandall, Eva | Springville |
| Ellertson, Lael | Mona |
| Eskelson, Thelma | Ogden |

| | |
|---------------------------------|---------------------|
| Foster, Karl Kranklin | St. George |
| Frandsen, LaVona | Gunnison |
| Gleave, Shirley Ann | Annabella |
| Gleave, Nola | Annabella |
| Hall, Lela | Vernai |
| Hanson, Dorr William | Sunnyside |
| Hansen, Louise | Delta |
| Hansen, Ruth | Delta |
| Harris, Carol Jean | (R. D. No. 2) Provo |
| Herbert, Anna Faun | Salina |
| Hicken, Fay | Richmond |
| Jackson, Genevieve | Provo |
| Jackson, Ila | Teasdale |
| Johnson, Ruth Amanda | Manti |
| Jones, Maurice Ellis | Payson |
| Jorgensen, Louise Camille | Mt. Pleasant |
| King, Ethel | Escalante |
| Knowles, Reva Myler | Ogden |
| Larson, Elwood A. | Cleveland |
| Larsen, Norma | Elko, Nevada |
| Larsen, Sena | Mayfield |
| Liechty, Louise | (R. D. No. 3) Provo |
| Lindsay, Areva | Heber |
| McAffee, Boyd Harmon | Provo |
| Mortensen, Virginia | Parowan |
| Munk, Carol | Manti |
| Parrish, Chloe | Farmington |
| Pratt, Thomas Knight | Hinckley |
| Price, Eva | Vernal |
| Ricks, Geneva | Idaho Falls, Idaho |
| Rowley, Beth | Spring Glen |
| Savage, Chloe | Annabella |
| Savage, Ruby | Leeds |
| Shumway, Iva Don | St. George |
| Simpkins, Nedra | Provo |
| Stansfield, Russell Neil | Mt. Pleasant |
| Sumsion, Naomi | Springville |
| Thomas, Helena | Enterprise |
| Tidwell, Lillie Belle | Wellington |
| Tipton, Naomi | Springville |
| Tuttle, Norma | Manti |

GRADUATES WITH HIGH HONORS

Bean, Fay Marion
Bingham, Sanford M.
Blair, James E.
Boyer, Paul Delos
Clark, Justus Kent
Gaeth, Arthur
Haggerty, Charles E.
Harris, Leah Dorothy

Hodson, Mae E.
Laws, Wilford Derby, Jr.
Martin, Joseph Eddy
Munson, Voyle L.
Pendleton, Carol
Romney, Merlyn
Scorup, Edith
Van Wagoner, Merrill Y.

GRADUATES WITH HONORS

Allen, R. Scott
Aycok, Kenneth Charles
Barton, Gerald Blackett
Brady, Arlo James
Brown, Clark K.
Brown, John Charl
Chandler, Harry P.
Christensen, Margaret
Christensen, Vernon Denzil
Clegg, Reed L.
Cook, Shirl Eldon
Clyde, Ed W.
Ellsworth, Nada
Coltrin, William A.
Erickson, Gerald L.
Froerer, Lillian Mae
Hallam, Lucille
Hansen, Alma Wayment

Hinman, Edgar W.
Johnson, Blaine Hart
Johnson, James Wallace
Jolley, Calvin Barnson
King, Dwight A.
Knudsen, Eudora
Loveless, Helen
Mickelson, Gail
Murry, Mark H.
Reichert, Malno Ada
Smith, Donald H.
Soffe, Kenneth
Starr, Eva
Valentine, Lee Benson
White, Fay Frances
Wilson, Harriet Carma
Wiscombe, Leland M.

Enrollment of Students

1938-39

In the following list "a" stands for arts and science; "ap" for applied science; "c" for commerce; "e" for education; "fa" for fine arts; "G" for graduate; "ss" for summer school; "S" for senior; "J" for junior; "So" for sophomore; "F" for freshman; "Unm" for unmatriculated; and "Sp" for special

| | | | |
|--------------------------------------|---------------------|------------------------------------|--------------------------|
| Abbott, Lloyd M., a-F..... | Yeadon, Pa. | Allred, Inez B., ss..... | Provo |
| Abbott, Myron Lane, ap-So..... | Hinckley | Allred, John G., a-So..... | Lehi |
| Acord, Irma, ss, fa-Sp..... | Provo | Allred, Kenneth Rulon, G. | Cardston, Alta., Canada |
| Adams, Connie Merilyn, ap-F..... | Provo | Allred, Lee, ss. | Spring City |
| Adams, Daniel Stanley, ss..... | Sandy | Allred, Lydia, ss, e-Sp..... | Provo |
| Adams, Elsie Dee, e-Ep..... | Provo | Allred, Mark E., e-S..... | Lehi |
| Adams, Helen, c-F..... | Parowan | Allred, Charles McKay, G..... | Provo |
| Adams, Joan Worthy, fa-Eo..... | Pleasant Grove | Allred, R. Clay, ap-Sp..... | Salt Lake City |
| Adams, Linda Kartchner, ss..... | Sandy | Allred, Sheldon S., ss, e-J..... | Mt. Pleasant |
| Adams, Loraine Seigmiller, fa-J..... | Midvale | Allred, Sterling Wilson, a-F..... | Lehi |
| Adams, Lucille, a-F..... | Springville | Allred, Theras Quathel, a-S..... | Provo |
| Adamson, Lloyd B., ss..... | American Fork | Allred, Wendell, a-F..... | Provo |
| Adamson, Mariam, ap-F..... | Pleasant Grove | Allridge, Lylas, ap-F..... | Ferron |
| Ahlander, J. Fred, c-J..... | Provo | Alvey, Edson, e-F..... | Escalante |
| Aiken, Evan, fa-So..... | Provo | Alvey, Iona P., e-J..... | Escalante |
| Akridge, Lucille Pritchlow, ss..... | Salt Lake City | Andelin, Aubrey P., c-So..... | Idaho Falls, Idaho |
| Albrecht, Clarence J., ss..... | Freemont | Anderson, Abraham, ss..... | Lehi |
| Alder, B. Alfred, a-F..... | Provo | Anderson, Aleene, e-J..... | Elisnore |
| Alder, Doris, e-J..... | Provo | Anderson, Alice Mae, e-J..... | Pocatello, Idaho |
| Alexander, LaRay, ss..... | Spanish Fork | Anderson, Archibald Henry, ss..... | Mt. Pleasant |
| Alexander, Payton Holt, ss..... | Gunnison | Anderson, Barbara Marie..... | Provo |
| Alexander, Reta, ss..... | Panguitch | Anderson, Bernal Ray, fa-F..... | Mapleton |
| Alexander, Wilda Billie, c-J..... | Vernal | Anderson, Beth, ap-So..... | Springville |
| Alleman, Grant Edward, c-So..... | Springville | Anderson, Clara, e-So..... | Oak City |
| Allman, Helen, ss..... | Springville | Anderson, Clive Young, ap-F..... | Provo |
| Alleman, Karl Henry, a-J..... | Springville | Anderson, DeVon, e-J..... | Orangeville |
| Alleman, LaRae, e-J..... | Springville | Anderson, Don Howard, a-So..... | Mt. Pleasant |
| Allen, Carl Preston, c-F..... | Salt Lake City | Anderson, Edna Joan, a-So..... | Raymond, Alberta, Canada |
| Allen, Evie Violette, a-F..... | Holly Hill, Florida | Anderson, Effie, a-So..... | Provo |
| Allen, Glen, a-So..... | Provo | Anderson, Ellis R., ss..... | Venice |
| Allen, Glenn Lewis, a-J..... | Provo | Anderson, Bernard Elwood, c-J..... | Fayette |
| Allen, Joseph, a-F..... | Springville | Anderson, Elvon George, a-F..... | Oak City |
| Allen, Loris Porter, ss..... | Bicknell | Anderson, Emma G., ss..... | Salt Lake City |
| Allen, Samuel Loraine, a-J..... | Springville | Anderson, Ethel S., ss..... | Mt. Pleasant |
| Allen, R. Scott, a-S..... | Provo | Anderson, Evan L., a-J..... | Spanish Fork |
| Allen, Verle, e-S..... | Las Vegas, Nevada | Anderson, Evan Roy, ss..... | Ephraim |
| Allred, Arline Phyllis, ap-S..... | Lehi | Anderson, G. Alton, ss..... | Provo |
| Allred, Beth, ap-So..... | Gandview | Anderson, Ethel S., ss..... | Salt Lake City |
| Allred, Clara, fa-F..... | Lehi | Anderson, Ida, ss..... | Las Vegas, Nevada |
| Allred, Darwin L., e-S..... | Spring City | Anderson, Ida Vivian..... | Spanish Fork |
| Allred, Elwood Byron, ss..... | Mesa, Arizona | Anderson, June, e-Unm..... | Mesa, Arizona |
| Allred, Glendora Malcom, ss..... | Mesa, Arizona | | |

Anderson, Keith Phillips, a-J.....Cleveland
Spanish Fork
 Anderson, Lapriel Arlene, ap-F.....Price
Arnold, Marion, fa-Sp
Evanston, Wyoming
 Anderson, Horner Lee, a-F.....Arnold, Norene, c-F.....Coalville
Salt Lake City
Arnold, Oscar Frost, G.....Coalville
Woods Cross
 Anderson, Lois, ss.....Salt Lake City
Ashby, George Marion, ss Leamington
 Anderson, Lucille, fa J.....Ashby, Grace, a-F.....Spanish Fork
Rexburg, Idaho
Ashby, Martha, ss, e-Sp.....Spanish Fork
 Anderson, Lynn Wallace, a-S.....Ashby, Minnie Payne, ss Leamington
Marquette, Neb.
Ashby, Robert Morrell, G
American Fork
 Anderson, Majel, e-J.....Spanish Fork
Ashby, Rodney A., ss.....Kanab
 Anderson, Margaret, c-Sp.....Provo
Ashworth, Elodia, fa-Sp.....Provo
 Anderson, Mark, Jr, c-F.....Provo
Asplund, James Wendell, a-Unm.....
 Anderson, Martha, ap-J.....Oak City
Barnwell, Alberta, Canada
 Anderson, Mary, a-S.....Manti
Atkinson, Doretta Larsen, ss.....Lark
 Andersen, Mildred Leona, fa-Uum.....Atkinson, Nevada Riddle, e-J, ss.....
American Fork
Provo
 Andersen, Monte R., c-So.....Atwood, Fred Smith, ap-So.....
Bear River City
Pleasant Grove
 Anderson, Naoma, c-F.....Salt Lake City
Atwood, Irma Frances, ap-F.....
Pleasant Grove
 Andersen, Nida, e-So.....Brigham City
Averett, Dail P., a-So.....Mt. Pleasant
 Anderson, Norvel, ap-J.....Oak City
Averett, Ione, fa-F.....Springville
Avery, McKay, c J.....Venice
 Anderson, Phyllis Hannah, c-F.....Provo
Aycok, Kenneth Charles, c-S.....
Vernal
Elisnore
 Anderson, Ralph W., c-S.....Elisnore
Ayers, Bessie, fa-J.....Provo
 Anderson, Ray, ss.....Moroni
Bagley, Vera Myrle, ss.....Provo
 Anderson, Renee, ap F.....Provo
Bailey, Raymond T., ss.....Nephi
 Anderson, Richmond Meldrum, ss,
 cf.....Richfield
Baile, Irwin Lee, e-F.....
Tacoma, Washington
 Anderson, Rinda, a-F.....Coyoacan, D. F. Mexico
Bailey, Lorraine, c-So.....Spanish Fork
Bailey, Thell A., G. Sanford, Colorado
Ross S., c-J.....Mt. Pleasant
Baird, Elva, e-J.....Ogden
 Anderson, Ruth, fa-Sp.....Payson
Baird, Ida, e-So.....Heber
Hans Verlan, c-J.....
Baird, Marion, c-F.....Provo
Duncan, Arizona
Baird, Gene LeRoy, a-J.....Springville
 Anderson, Vernon Lockwood, a-F.....Baker, Hannah, e-So.....Neola
Barton, Florida
Baker, William Roe, fa-F.....Neola
Baird, Victor C., ss.....Provo
Ball, A. Elden, c-S.....Idaho Falls, Idaho
 Andersen, Virgil Anthony, fa-Uum.....Ballantyne, Gordon Tracy, a-F.....
Axtell
Baker, Oregon
 Andrews, James Robert, fa-J.....Ogden
Ballard, Dorothy, a-So.....Draper
 Andrews, Robert B., c-J.....Roosevelt
Ballard, Howard A., a-S.....Draper
 Andrus, A. Golden, ss.....Bancroft, Idaho
Ballard, Robert Henroid, a-So.....Draper
Bancroft, Idaho
Ballard, Ross Leonard, a-So.....Draper
 Andrus, Grant Munday, ss.....Ucon, Idaho
Ballard, Virgil, ss.....Victor, Idaho
Idaho Falls, Idaho
Balle, Harry, ss.....Glenwood
 Andrus, Lisle Loosli, ss.....Bancroft, Idaho
Ball, Wilbur Nephi, ss.....Lehi
Kamas
 Andrus, Lucy, a-F.....Kamas
Ballif, Carma, ss.....Provo
 Andrus, Reed Stone, ap-F.....Balls, Maurice Horsley, fa-F.....
Spanish Fork
Soda Springs, Idaho
 Andrus, Wanda Ruth, e-S, ss.....Barben, Francis, ap-F.....Midvale
Holladay
Barber, Beth, ap-F.....Salt Lake City
 Angel, Clifford Eugene, ss, a-J.....Barclay, Margaret, fa-F.....
Danville, Va.
Blackfoot, Idaho
 Archibald, Keith S., c-S.....Rexburg, Idaho
Barclay, Marie, a-J. Blackfoot, Idaho
Randolph
 Argyle, Cyril M., a-F.....Bardsley, Spencer V., a-F.....Santoquin
Argyle, Delos Ervin, c-F.....Spanish Fork
Barker, Allan, a-J.....Escalante
 Argyle, Lynn A., e-F.....Spanish Fork
Barnes, Alta Leona, e-S.....Wellington
Barnes, James I., e-J.....
Rockland, Idaho
 Armstrong, Amy Farr, fa-J.....St. Johns, Arizona
Barnett, Jack H., fa-F.....Payson
Ephraim
 Armstrong, Milton G., ss.....Barnett, Maurice Colvin, e-S, ss.....
Phoenix, Arizona
Spanish Fork
Barnett, Owen Dale, e-F.....Spanish Fork

- Barney, Florence, G. Safford, Arizona
 Barrett, Ivan J., ss. Overton, Nevada
 Barrett, Larence James, a-F Malta, Idaho
 Barrett, Thom, a-J Provo
 Barrus, Virginia, e-J, ss Tooele
 Bartell, Ernest, a-F Provo
 Bartholomew, Gertrude, ap-F Springville
 Bartholomew, Victor, a-S Fayette
 Barton, Don R., ap-F Monticello
 Barton, Donald K., a-J Ephraim
 Barton, Gerald Blackett, a-S Greenville
 Barton, June, e-So Mt. Pleasant
 Barton, Louise, ss Mt. Pleasant
 Bascom, Earl Wesley, fa-Unm Raymond, Alberta, Canada
 Bastian, Elaine, fa-So White Rocks
 Bate, Fern, ss Springville
 Bateman, Fred Thomas, c-So Salt Lake City
 Bateman, June B., ss ap Sp Rupert, Idaho
 Bateman, J. Lavar, fa-So Riverton
 Bateman, Max Gunn, c-S Salt Lake City
 Baum, Thomas, a-So Heber
 Baxendale, Jessie, ss Salt Lake City
 Bawden, Afton, ss Salt Lake City
 Baxter, Hoyt Hugh, e-Unm Springville
 Baxter, Ruth, e-J Springville
 Baxter, Vadis E., fa-F Portland, Oregon
 Beatty, Florence, c-F Hurricane
 Beatty, Hilma, ss, fa-Sp Provo
 Beatty, Quentin, c-So Toquerville
 Beck, Carol Mae, e-So Payson
 Beck, Delmar Jacob, c-F Salt Lake City
 Bowden, Alice Spanish Fork
 Beagley, Arthur, c-F Spanish Fork
 Beal, Nellie Leo, e-S Ephraim
 Bean, Fay Marion, ss, c-S Provo
 Bean, Zola Elizabeth, e-F Richfield
 Beardall, Leslie, a-J Springville
 Beardall, Warren LaVell, ss, G Mt. Pleasant
 Beck, Ed M., ss Spanish Fork
 Beck, Fern Sophia, c-Sp Provo
 Beck, Janice, e-So Draper
 Beck, Jennie, ss, G Monroe
 Beck, Joseph Karl, Jr., a-F Provo
 Beck, Joe Collins, a-F Provo
 Beck, Sidney Marion, a-So American Fork
 Beckstead, Henry Chad, e-S Midvale
 Beckstrand, Austin N., c-J Meadow
 Beckstrand, Evan A., a-J Meadow
 Beckstrand, Mont, c-J Meadow
 Beckstrom, Frank A., c-F Benjamin
 Bedsaul, Accl Lloyd, a-Unm Coalville
 Bee, James William, G Provo
 Bee, Mary Margaret, ss Provo
 Beecher, Marcelle, e-So Lewiston
 Beeston, Boyd William a-J Fillmore
 Bell, Esther Towers, G Eureka
 Bell, Mary R., ap-So Loa
 Bellows, Wayne F., c-F Provo
 Belnap, Gene Priscilla, ap-F Glenn's Ferry, Idaho
 Belnap, Margaret Ruth, ap-J Glenn's Ferry, Idaho
 Belnap, Mildred, ap-J. Rexburg, Idaho
 Bement, Carol Ann, e-F Provo
 Bennett, Faun A., ss Meadow
 Bennett, Frances, ss Salt Lake City
 Bennett, Halen, ap-So Provo
 Bennett, Lena, c-Sp Holden
 Bennett, Marie Gleason, ss Provo
 Bennett, Vance, e-S Meadow
 Bennion, Barbara, c-So Salt Lake City
 Bennion, Bernard Neville, a-So Picture Butte, Alberta, Canada
 Benson, Charles LeRoy, a-F Baggs, Wyoming
 Benson, Lonida, ss Moreland, Idaho
 Benson, Loraine, e-F Ioka
 Benson, Ross Dean, c-F Flushing, Long Island, New York
 Benson, Scott Conrad, fa-S Gentry, Arkansas
 Benson, Thelma, ap-So Boise, Idaho
 Benson, Volco Ballif, fa-F Whitney, Idaho
 Bentley, Erma, c-J St. George
 Bentley, Shelby, e-J Parowan
 Bergesen, Rosemae, e-So Silverton, Colorado
 Berghout, Julia J., ss Ogden
 Bergstrom, Jared E., ss Eureka
 Bergstrom, Lula, ss Salt Lake City
 Berkeley, George William a-F Mt. Pleasant
 Berlin, Mildred Mary, ss Blackfoot, Idaho
 Berlin, Ruth, e-S Ogden
 Berrett, Golden LeRoy, ss Duchesne
 Berry, Ruth Mildred, G Provo
 Bertelson, Chad Myron, a-J Ephraim
 Bertelsen, Marie Emily, fa-So Marysville
 Bertrand, Julius Armond, e-R Santa Monica, Cal.
 Berry, Helen Lucille, fa-F Holbrook, Arizona
 Best, Stanley Earl, ss Kamas
 Biffle, Merle Mary, fa-F Las Vegas, Nevada
 Bigelow, Afton, ss, c-So Provo
 Bigelow, Donna, fa-J Payson
 Bigelow, LaVell M., ss, a-S Provo
 Bigelow, Lois Leona, e-S Payson
 Bigelow, Lowell, c-So Provo
 Bigelow, Margaret Meldrum, ss Provo
 Bigelow, Percival, ss Provo
 Billings, Gordon Ray, a-F Provo
 Bills, Bernell, a-F Payson
 Bingham, Earl Mark, a-So Vernal
 Bingham, Floyd Robert, c-F Vernal
 Bingham, James W., ss Spanish Fork
 Bingham, Kathryn, ap-J. Weston, Ida.
 Bingham, Sanford M., a-S American Fork

| | |
|----------------------------------|---------------------------------|
| Binks, Sara Marie, fa-J | Springville |
| Bird, Beth, c-F | Provo |
| Bird, Forest W., a-S | Sheridan, Wyo. |
| Bird, George Ray, c-S | Springville |
| Bird, Howard A., ss | Springville |
| Bird, Josephine, a-Sp | Provo |
| Bird, Kenneth J., ss | American Fork |
| Bird, Martha, e-J | Springville |
| Bird, J. Martell, c-J | Provo |
| Bird, Robert Freeman, ap-J | Mapleton |
| Birrell, Verla, ss, G | Salt Lake City |
| Bissell, Harold Joseph G. | Provo |
| Bjerregaard, Maxine, a-So | Provo |
| Black, Floyd H., e-Unm | Harper, Oregon |
| Black, Karl George, c-S | Provo |
| Black, Noal H., a-F | Antimony |
| Black, Nyta, e-So | Provo |
| Black, Shirl, fa-Sp | Provo |
| Black, Ronald, ap-So | Ferron |
| Black, Theral R., e-S | Ferron |
| Black, Velma, e-So | Ferron |
| Black, Vernal J., fa-F | Provo |
| Blackham, Sheril Jay, e-F | Castle Dale |
| Blackmore, William, ap-S | Cardston, Alberta, Canada |
| Blain, Sarah Florence, ap-F | Spring City |
| Blair, James E., a-S | Provo |
| Bland, Alexander, a-So | Taber, Alberta, Canada |
| Blake, Grant Ernest, a-F | Provo |
| Blake, era, ap-F | Murray |
| Blaylock, Robert M., c-So | Idaho Falls, Idaho |
| Bleak, Howard Holmes, c-So | Salt Lake City |
| Bloomfield, George W., c-So | Shiprock, New Mexico |
| Bloomfield, Mae, ap-So | Shiprock, New Mexico |
| Blunck, Rulon, c-So | Rexburg, Idaho |
| Bluth, LaPrele, ap-So | Colonia Dublan, Chihuahua, Mex. |
| Bluth, Mac, c-F | Colonia Dublan, Chihuahua, Mex. |
| Bodell, Pearl S., ss | Riverton |
| Bodily, Gerald P., a-Sp | Washington, D. C. |
| Boel, Joseph M., a-J | Provo |
| Bohman, Dean F., ap-J | Monroe |
| Bohman, Proctor J., e-So | Monroe |
| Bond, Eleanor Jeanne, ss | Salt Lake City |
| Bond, Engman, Ervin, a-F | Kirtland, New Mexico |
| Bone, Russell, Price, e-F | Lehi |
| Bonnett, Stanford Jay ap-J | Provo |
| Booth, Diane, e-J | Cedar City |
| Booth, Editna, a-Sp | Provo |
| Booth, Lillian Clayson, ss, e-Sp | Provo |
| Booth, Lillian, a-F | Provo |
| Booth, J. Malcolm, a-S | Provo |
| Booth, Newell Wayne, ss | Blackfoot, Idaho |
| Booth, Wayne Clayson, a-F | Provo |
| Bosh, Merie, c-S | Fillmore |
| Boshard, Dad, c-F | Provo |
| Boshard, Virginia Diane, a-Unm | Provo |
| Boswell, Calvin Roy, ap-J | Provo |
| Boswell, Eugene, fa-F | Provo |
| Boswell, Gladys Irene, ap-J | Provo |
| Boswell, Joe L., e-J | Nephi |
| Boulden, Douglas Lester, a-So | Castle Dale |
| Bourne, John Henry, c-F | Provo |
| Bowen, Blair S., fa-F | Spanish Fork |
| Bowen, David Stuart, e-F | Spanish Fork |
| Bowen, Lewis Keith, ss, c-So | Spanish Fork |
| Bowen, H. Reed, c-So | Burley, Idaho |
| Bowen, Rhea, c-F | Spanish Fork |
| Bowen, Thelma, c-So | Spanish Fork |
| Bowen, William D., c-F | Spanish Fork |
| Bowers, Harvey, fa-F | Tabiona |
| Bowers, Lucille, e-J | Holladay |
| Bowler, Grant, ss, e-Sp | Legendale, Nevada |
| Bowles, Catherine, ss | Nephi |
| Bowles, Eugene, a-F | Hastings, Nebraska |
| Bowles, Geraldine, e-So | Nephi |
| Bowman, Betty, ap-F | Provo |
| Bowman, Melvin Gardner, fa-S, ss | Provo |
| Bown, Glen Braithwaite, fa-J | Manti |
| Bown, Henry M., c-J | Provo |
| Box, Zola Velate, c-F | Provo |
| Boyack, Bert Albert, G | Spanish Fork |
| Boyce, Marguerite, ss, e-Sp | Provo |
| Boyd, Lyle, c-F | Provo |
| Boyden, Orlene, c-So | Provo |
| Boyer, Paul Delos, a-S | Provo |
| Boyle, Clyde Francis, e-So | Provo |
| Boyle, Elayne, ss, e-S | Provo |
| Boyle, George Wesley, c-So | Provo |
| Boyle, Mark Keith, c-F | Provo |
| Boyle, Phyllis Mae, ap-F | Payson |
| Bradbury, Clara Anita, e-F | Woods Cross |
| Bradford, Henry Wells, c-J | Spanish Fork |
| Bradford, Sterling Taylor, a-J | Spanish Fork |
| Bradley, Dale, a-F | Elsinore |
| Bradley, Ralph, c-F | Salt Lake City |
| Bradshaw, Bernece Eunice, ss | Lehi |
| Brady, Arlo James, a-S | Manassa, Colorado |
| Brady, Leland Reese, a-F | Manassa, Colorado |
| Brady, Nyle C., a-So | Manassa, Colorado |
| Brailsford, Ethel Verl, fa-So | Cody, Wyoming |
| Braithwaite, Alice Todd, ss | Manti |
| Braithwaite, Jennie Lucile, e-So | Manti |
| Braithwaite, Royden C., ss | Manti |
| Brandley, Mary W., c-F | Stirling, Alta., Canada |
| Branch, Belva, e-So | Price |

- Brandley, Norma, a-So. Salt Lake City
 Brasher, Lucinda, ap-So. Huntington
 Breinholt, Herbert Carl, G. Provo
 Breinholt, Verna Allen, ss. Los Angeles, Cal.
 Briggs, Beth, c-J. Magrath, Alta., Can.
 Brimhall, Don S., e-F. Paris, Ida.
 Brimhall, Marjorie Fern, a-F. Bingham Canyon
 Brimhall, Victor, ss, fa-F. Provo
 Bringhurst, Afton, e-So. Springville
 Brink, Lloyd William, c-So. Kaysville
 Brinkerhoff, Frank Allen, e-F. Bicknell
 Brinkerhoff, Harris Leone, fa-F. Junction
 Brinton, Howard Samuel, Jr., ap-F. Idaho Falls, Idaho
 Broadbent, Basil, c-F. Santaquin
 Broadbent, H. Smith, a-F. Snowflake, Arizona
 Brockbank, Wallace W., ss. Springville
 Broadhead, Faye, e-J. Nephi
 Broadhead, Fern, e-J. Nephi
 Brock, Raymond Elliott G. Totenville, Staten Island, N.Y.
 Brockbank, Afton LaReta, e-F. Spanish Fork
 Brockbank, Carl Lewis, a-So. Spanish Fork
 Brockbank, Elaine, fa-F. Springville
 Brockbank, Helen, e-J. Provo
 Brockbank, Shirley, a-F. Provo
 Brockbank, Starr Lewis, c-J. Spanish Fork
 Bronson, Charles E., ss. Heber City
 Brooke, Betty, a-S. Beaver
 Brooks, Emily, fa-J. St. George
 Brothersen, Eva Lenora, e-F. Mt. Pleasant
 Brough, Euniece, a-S. Nephi
 Brough, LaRay Fackrell, e-J, ss. Provo
 Brower, Jo Ann, fa-F. Salt Lake City
 Brown, Almon L. D., ss. Idaho Falls, Idaho
 Brown, Bessie, e-So. American Fork
 Brown, Bessie, ap-So. Burley, Idaho
 Brown, Chester Lawrence, a-F. Benson, Arizona
 Brown, Clark Kendall, a-S. American Fork
 Brown, Donald L., c-So. Provo
 Brown, Duane, a-J. Provo
 Brown, Eleanor, e-S. Sandy
 Brown, Gaile Nile, c-So. Weiser, Ida.
 Brown, Helen Edith, e-J. Weiser, Ida.
 Brown, Isabel Bird, ss. Lehi
 Brown, James Nelson, a-Unm. Glenwood, Alta., Canada
 Brown, Joe Featherstone, a-F. Copperton
 Brown, John Charl, ap-S. Grantsville
 Brown, Keith Lono, c-Unm. Glenwood, Alta., Canada
 Brown, Kenneth Hill, a-F. Weiser, Ida.
 Brown, Mary Jane, e-So. Provo
 Brown, Milton Evan, a-J. Belleville, Illinois
 Brown, Murlyn Lamar, c-So. Benson, Arizona
 Brown, Paul C., a-F. Provo
 Brown, Ralph Sherman, a-So. Provo
 Brown, Ruth, fa-F. Spanish Fork
 Brown, Thales C., ap-F. Springville
 Brown, Vincent McEwan. Provo
 Brown, Walter William, a-F. Salt Lake City
 Bruhn, Beth, e-So. Panguitch
 Brunson, Marilyn, fa-So. Fillmore
 Brunson, Marjorie, c-F. Fillmore
 Bryner, Maurine Fillmore, G. Provo
 Bryson, Eugene D., ss. Bountiful
 Bryson, Vern E., a-F. Payson
 Buchanan, Garth Boyd, ap-F. Venice
 Buchanan, Verelene, ap-F. Venice
 Bucher, John Richard, c-S. New Martinsville, West Virginia
 Buchmiller, Norlene, e-J. Rexburg, Idaho
 Buckley, Rae, a-F. Provo
 Buckley, Robert Stewart, c-F. Provo
 Buggart, Anneliese, ss. Provo
 Bullock, Kenneth C., a-J. Pleasant Grove
 Bullock, Norma, ss. Provo
 Bullock, Thomas Sterling, c-P. Provo
 Bullock, Victor Roy, c-J. Provo
 Bunker, Kay, c-J. Helper
 Burnanek, Alfred Martin, a-J. Pasadena, Calif.
 Burgess, Briant George, ss. Salina
 Burgess, George Dale, a-So. Alpine
 Burgess, M. Karl, a-J. Roosevelt
 Burgess, Pauline, ap-S. Alpine
 Burgess, Reid C., ap-So. Alpine
 Burgess, Ross Clark, fa-F. Alpine
 Burgess, Ruth, a-So. Roosevelt
 Burnett, J. Reid, a-F. Greenriver
 Burningham, Roy Lester, a-F. Provo
 Burns, Violet Jensen, e-S. Hayward, California
 Burnside, Wesley Mason, a-So. Mt. Pleasant
 Burrup, Ada Mary, ss. Ogden
 Burton, Charles Richards, a-J. Ogden
 Burton, Grace Elaine, a-So. Provo
 Burton, Grant Harold, a-F. Kenilworth
 Burton, Joe Thorpe, c-F. Pioche, Nev.
 Burton, Margaret, e-Unm. Salt Lake City
 Burton, Otis Lynn, e-S. Morgan
 Bushman, Burton Delbert, a-F. Winslow, Arizona
 Butler, Phyllis. Driggs, Idaho
 Butterfield, Chloe, e-So. Riverton
 Butterfield, Vilate, ss. Riverton
 Buttle, William, sp. Provo
 Buys, Edward Roy, a-F. Eureka
 Bybee, Fay X., a-J. Portola, Calif.
 Bybee, Julia, e-J. Tropic
 Byers, Max, Reed, c-S. Fruita, Colo.
 Bylund, H. Bruce, fa-F. Santaquin
 Bylund, Ruth, c-So. Provo
 Caffall, Deon, a-J. Springville
 Cahoon, DeRaunz A., G. Cardston, Alta., Canada

- Cahoon, LaRue, e-F.....Delta
 Calder, Sam, fa-S.....Vernal
 Caldwell, Gerald, fa-So.....Vernal
 Call, Ben E., a-J.....Brigham City
 Call, Joan E., e-J.....Brigham City
 Call, Lee Roland, fa-F.....Afton, Wyo.
 Call, Lloyd Stanford, a-F.....
 Pocatello, Idaho
 Call, Mildred Stewart, ss, ap-sp.....Provo
 Call, Ronald LeRoy, a-F.....Afton, Wyo.
 Callan, Mary, G.....Preston, Idaho
 Callister, Francella Johanna, ss.....
 Blackfoot, Idaho
 Campbell, Lola Leonora, c-F.....Vernal
 Campbell, Lorene Jessie, fa-So.....Ogden
 Candland, Ruth Hannah, a-J.....Provo
 Cannon, Dorothy Jean, ss.....Provo
 Cannon, George Ivins, c-So.....
 Salt Lake City
 Cannon, Jean Grant, ss.....Salt Lake City
 Cannon, Jonathan Stephenson, ss.....
 Farmington
 Cannon, Kenneth Lynn, ss.....
 Salt Lake City
 Cannon, Willard Lester, c-J.....
 Salt Lake City
 Cannon, Lucy Grant, ap-F.....
 Salt Lake City
 Cannon, Mary, c-So.....Magna
 Cannon, Winnifred, ss.....Ames, Iowa
 Card, Alice Priscilla, ap-F.....
 Raymond, Alberta, Canada
 Card, Lester Charles, c-So.....
 Cardston, Alberta, Canada
 Carlile, Sarah Aleen, e-So.....Kamas
 Carlile, Lewis A., e-F.....Kamas
 Carlson, Elzada, fa-J.....Ogden
 Carlson, Howard Beldon, a-So.....
 Spanish Fork
 Carlson, Iva, ss.....Pleasant Grove
 Carlston, Arthur Ray, ap-So.....Fairview
 Carmichael, Montgomery Taylor, ss.....
 Coalville
 Caron, Mederic Athanasius, e-Unm.....
 Lead, South Dakota
 Carpenter, Hermen R., c-S.....
 Park City
 Carpenter, T. Kinsey, Jr., a-So, ss.....
 Washington, D. C.
 Carpenter, Lydia, ss.....Manti
 Carr, William C., ss, G.....Grantsville
 Carroll, Leland Roy, fa-F.....Vernal
 Carroll, Paul Herman, ap-J.....
 Brownwood, Texas
 Carson, Della, ss.....Lehi
 Carson, Leah May, c-So.....Fairfield
 Carson, Lola, e-F.....Fairfield
 Carter, Edith, c-F.....Murray
 Carter, Eugene, c-J.....Salt Lake City
 Carter, Helen Rose, c-So.....
 Salt Lake City
 Carter, Jack Sheldon.....Vivian Park
 Carter, Mory Lue, ap-So.....Minersville
 Carter, Norman, G.....Lehi
 Carter, Wesley, R., ap-Sp.....Provo
 Cartwright, Anne, ss.....Beaver
 Carver, John A. J., a-Sp.....Boise, Ida.
 Carver, Milton J., fa-Unm.....Richmond
 Carver, Monroe De, a-So.....Boise, Ida.
 Case, Keith, a-So.....Mt. Emmons
 Case, Ruth, e-F.....Mt. Emmons
 Castleton, Leon Joseph, fa-J.....Provo
 Catmull, Ferrell Brunt, a-F.....
 Rupert, Idaho
 Catmull, Grant LaVon, a-J.....
 Rupert, Idaho
 Cazier, Geraldine Betty, c-F.....Nephi
 Chadwick, Idon, e-So.....Weiser, Idaho
 Chadwick, Russell, a-J.....Morgan
 Chamberlain, Garth, ap-F.....Kanab
 Chamberlain, Hans LaVell, e-J.....
 Orderville
 Chambers, Max Willard, a-J.....Garland
 Chandler, Harry P., ss, a-S.....Provo
 Chapman, James Arley, e-F.....
 Greenville, S. C.
 Chappell, Margaret R., e-F.....Provo
 Chapple, Max, c-F.....Spanish Fork
 Chatfield, Karlyn, fa-So.....Lehi
 Cheeseman, Harriett, fa-So.....Provo
 Cheever, George Albert, ap-So.....
 Payson
 Cheney, Silas, ss.....Ephraim
 Cheney, Thomas E., ss.....Blackfoot, Ida.
 Childs, Jean, c-F.....Gunnison
 Child, Odell Newport, ss.....Ogden
 Childs, Bertrand A., ss.....Roosevelt
 Childs, Margaret Peel, ss.....Roosevelt
 Chipman, Dee Keith, a-F.....Kaysville
 Chipman, Nan, a-F.....Provo
 Christensen, J. Angus, ss.....
 Spanish Fork
 Christensen, Clinton H., ss.....
 Mayfield
 Christensen, Joe, ss.....Salt Lake City
 Christensen, Joseph Eldred, ss.....
 Aurora
 Christensen, Kathryn, ss.....
 American Fork
 Christenson, Allen D., e-F.....
 Spanish Fork
 Christensen, Alta, e-So.....Lehi
 Christensen, Bernard Carlyle, ap-J.....
 Spring City
 Christensen, Bessie Naoma, a-F.....
 Idaho Falls, Idaho
 Christensen, Cox Bernard, c-F.....
 Kenilworth
 Christensen, Deane, c-F.....
 La Jara, Colo.
 Christensen, Del Moine C., e-J.....
 Salina
 Christensen, Donald N., a-So.....Provo
 Christensen, Doyle Lorenzo, c-R.....Provo
 Christensen, Edna Mae, e-F.....
 Mt. Pleasant
 Christensen, Evah Dorothy, ap-F.....
 Central, Idaho
 Christensen, A. Glenn, fa-J.....Provo
 Christensen, Gordon M., fa-S.....Delta
 Christensen, Horace Jones, G.....Provo
 Christensen, Jack c-S.....Sandy
 Christensen, Kathryn, e-So.....
 Richfield
 Christensen, Kathryn D., fa-S.....
 American Fork

- Christensen, Louise, a-So Salt Lake City
 Christensen, Margaret, ap-S, ss Provo
 Christensen, Mona, ap-J Elsinore
 Christensen, Muriel, a-Sp Provo
 Christensen, Ora, e-S Richfield
 Christensen, Oswald, ss Rexburg, Idaho
 Christensen, Owen Driggs, ap-F American Fork
 Christensen, Paul D., G American Fork
 Christensen, Ray Lang, a-F Richfield
 Christensen, Reva, e-J Elsinore
 Christensen, Rex Lorenzo, ss, G Ephraim
 Christensen, R. W., e-F Mt. Pleasant
 Christensen, Ross Taylor, a-J Rexburg, Idaho
 Christensen, Rulon E., a-Unm Spanish Fork
 Christensen, Ruth J., ss, a-Sp Provo
 Christensen, Thera, ap-F Provo
 Christensen, Vernon Denzil, ss, c-S Provo
 Christensen, Waldo George, e-S Redmond
 Christensen, Wallace Erickson, c-J Hiawatha
 Christensen, Wilford W., ss Idaho Falls, Ida.
 Christiansen, Chester, e-J Monroe
 Christiansen, John Martin, e-So Pleasant Grove
 Christiansen, Juna Louise, e-Unm Provo
 Christiansen, Lamar Joseph, a-F Gunnison
 Christiansen, Melba, a-F Nephi
 Church, Woodrow Henry, a-F Escalante
 Clark, Adelia C., ss Bancroft, Ida.
 Clark, Angelia Alice, a-F Alpine
 Clarke, Alva John, G Magrath, Alberta, Canada
 Clark, Bryant R., ss Colonia Juarez, Chih., Mex.
 Clark, Carl D., a-J Coalville
 Clark, Edith, e-J Provo
 Clark, Ernest R., ss Lyman, Wyo.
 Clark, Ethel, e-So Provo
 Clark, Evelyn, e-J Lehi
 Clark, Fae, fa-S, ss Provo
 Clark, Franklin K., fa-F Oakley, Ida.
 Clark, Helen, fa-S Provo
 Clark, Helen Jorgensen, ss, fa-J Provo
 Clark, James R., ss, G Provo
 Clark, Janice, a-F Springville
 Clark, Jeanette, a-S Ogden
 Clark, J. Kent, a-S Ogden
 Clarke, John L., ss American Fork
 Clark, Larry, ap-J Kemmerer, Wyo.
 Clark, Lucius, ss Bancroft, Idaho
 Clark, Mable Hone, c-sp Provo
 Clark, Melba, c-J Montpelier, Ida.
 Clark, Merlin, a-S Cannonville
 Clark, Richard Hone, c-S Provo
 Clarke, Rissa Merkley, e-Sp Provo
 Clark, Stanley Newell, a-J Provo
 Clark, Stephen Hone, c-So Provo
 Clayson, DeMar H., a-So Spanish Fork
 Clayson, Laurence William, ss Santaquin
 Clayton, Dorothy, e-Unm Provo
 Clayton, Vaughn Allen, a-J Salt Lake City
 Clegg, Afton Elaine, a-J Provo
 Clegg, Luke, ss, e-sp Provo
 Clegg, Maurine, fa-Sp Provo
 Clegg, Reed L., c-S Provo
 Clement, Arlene, a-F Dividend
 Clinger, Clifton Dee, fa-So Provo
 Cloward, Blake H., ss Sp Monroe
 Cochrane, Myrtle Thornton, ss Tooele
 Cluff, Al, fa-J LaVina, Calif.
 Clyde, Barbara Edith, c-F Heber
 Clyde, Ed W., c-S Heber
 Clyde, Margaret Eloise, e-J Heber
 Clyde, Ruth, ap-J Hamilton, Mont.
 Cochran, Roselyn, e-F Provo
 Coffman, Glenn Wood, ss Springville
 Coffman, LePrele C., ss Provo
 Colby, Marie, e-So Brigham
 Coleman, Jeanne, ss Lehi
 Coleman, Leah Florence, c-So Salt Lake City
 Coles, Betty Jane, c-F New Castle, Colo.
 Collett, Edith, e-J Vernal
 Collett, Edna, e-J Vernal
 Collins, Raymond William, ap-S Ogden
 Colton, Charles Ray, ss Springville
 Colton, Gwen Mary, fa-J Salt Lake City
 Colton, Zelma Elizabeth, ss Springville
 Caltrin, William A., c-S Huntington Park, Calif.
 Conchee, Wenonah Leilehua, fa-F Honolulu, Hawaii
 Conder, Dean Earl, ss, c-F Provo
 Conder, Jack C., a-So Provo
 Condie, Aileen, fa-J Springville
 Condie, Carol, ap-So Springville
 Condie, Vera, ss Ogden
 Connell, Beth, a-Sp Provo
 Connor, Jack Roger, c-F Rock Springs, Wyo.
 Conover, Don W., ss, a-S Provo
 Conrad, Edith, ap-F Iona, Idaho
 Conrad, Ethel, ss Taber, Alberta, Can.
 Conrad, Nephi David, c-So McGill, Nevada
 Connell, Beth, a-Sp Provo
 Cook, Fon, a-S Cedar Valley
 Cook, Glenn Franklin, a-F Shelley, Idaho
 Cook, Grant Osmond, ss Tremonton
 Cook, Lena, e-F Nampa, Idaho
 Cook, Lily, e-F Nampa, Idaho
 Cook, Shirl Eldon, a-S Pegram, Ida.
 Cook, Zelda, ss, a-E Pegram, Ida.

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|----------------------------------|----------------------------|
| Cooley, Vernon Andrews, e-S | Logan |
| Cooper, Laurence Clark, ap-So | Provo |
| Cooper, Robert Romero, ss | Provo |
| Cooper, Sherman, ss | Hinckley |
| Cope, Clyda, ap-S | Provo |
| Cope, Evan Shummway, ap-F | Provo |
| | Bryce Canyon |
| Corbell, Dion Woodrow, a-J | Provo |
| | Spanish Fork |
| Corbett, Pearson H., ss | Provo |
| Cordner, Thomas, ss, e-Sp | Provo |
| Cornaby, Mary J., e-Sp | Spanish Fork |
| Cornaby, Robert Allen, a-So | Provo |
| | Spanish Fork |
| Cornaby, Wayne W., ap-J | Provo |
| | Spanish Fork |
| Cottam, Mason McAllister, a-J | Provo |
| | St. George |
| Cottam, Jean, a-S | St. George |
| Cottam, Venice, c-So | Provo |
| Cottrell, Dannell, e-S | Draper |
| Couch, Howard William, ss | Provo |
| | Menan, Idaho |
| Couch, Thella Hess, ss | Menan, Ida. |
| Covert, Spencer E., fa-S | Spring City |
| Cowan, Lorna, c-F | Payson |
| Cowley, Conrad A., c-So | Venice |
| Cowley, Elda Marian, ap-F | Venice |
| Cowley, Jessie, ss | Venice |
| Cox, Amy Smith, fa-F | Pocatello, Ida. |
| Cox, Arla, ss | Lehi |
| Cox, Catherine May, e-F | Delta |
| Cox, David Raymond, e-So | Provo |
| | Orangeville |
| Crabb, Kirkham Card, a-F | Lehi |
| Crabtree, Lee Spencer, fa-J | Provo |
| | Providence |
| Craig, Ila, a-F | El Dorado, Arkansas |
| Craig, Marshall Ray, a-J | Provo |
| | El Dorado, Arkansas |
| Crandall, Eva, e-J | Springville |
| Crandall, Hazel, c-So | Salina |
| Crandall, Lars G., c-Sp | Provo |
| Crandall, Lowell W., c-S | Springville |
| Crandall, Stewart Merrill, a-J | Provo |
| Crane, Doris, a-So | Provo |
| Crane, Norma, c-S | Provo |
| Cranmer, Romert Arthur, a-F | Provo |
| | Springville |
| Cranney, June, e-F | Auburn, Wyo. |
| Craven, Keith Bowen, a-F | Provo |
| Creer, Allen C., c-So | Spanish Fork |
| Creer, Lorin Wilde, a-F | Leland |
| Creer, Paul B., c-S | Spanish Fork |
| Criddle, Norma, ss | Morgan |
| Criddle, Ross Gerald, a-F | Morgan |
| Critchlow, Frances E., ss | Hyrum |
| Croft, Evan M., ss | Provo |
| Croft, Merrill Woodrow, ss | Provo |
| Croft, Patricia, e-So | Salt Lake City |
| Crompton, Elnora, ss | Ogden |
| Crook, Reno Giles, ss | Lyman, Wyo. |
| Cropper, Ladd R., fa-S | Delta |
| Crosbie, Robert Ray, a-S | Provo |
| Crosby, Lena, ss | Provo |
| Crowther, Elaine Timorine, c-F | Provo |
| | Alamosa, Colo. |
| Crowton, David M., G | Provo |
| Crowton, Louise, a-Sp | Provo |
| Crowton, Ralph Ernest, c-J | Provo |
| | Salt Lake City |
| Crum, George W., a-F | Provo |
| Cuff, Champ Thompson, c-J | Provo |
| | Marysville |
| Cullimore, Eunice L., a-So | Provo |
| Cullimore, Odessa A., ss, a-Sp | Provo |
| Cullimore, Wanda, c-So | Provo |
| Cummins, Leola Horne, ss | Provo |
| | Salt Lake City |
| Cunningham, Lois, ss | Burley, Ida. |
| Cunningham, Mack B., c-Unm | Provo |
| | American Fork |
| Currie, Emily Sarah, e-J | Provo |
| | American Fork |
| Curry, Reginald Oran, ap-S | Provo |
| | Ft. Duchesne |
| Curtis, Betty Asenath, a-So | Provo |
| | Cokeville, Wyo. |
| Curtis, Coral, ap-J | Provo |
| Curtis, Glen, a-So | Deseret |
| Curtis, LaThair Hale, fa-So | Provo |
| Curtis, Leora, fa-J, ss | Provo |
| Curtis, Walter R., ss | Provo |
| Cutler, Mae, c-F | Shelley, Idaho |
| Cutler, Margie, e-S | Salt Lake City |
| Dabb, Ralph Francis, G | Harrisville |
| Dabbling, Marjorie, c-F | Provo |
| Dahlsrud, Alma, e-So | Hiawatha |
| Dahlquist, Carlyle A., a-J | Provo |
| Dahlquist, Charles Winston, e-So | Provo |
| | Provo |
| Dalby, Max Foreman, fa-F | Provo |
| | Salt Lake City |
| Dance, Leah, e-F | Blackfoot, Idaho |
| Daniels, Ferris Ray, c-F | Payson |
| Daniels, Geneva Mary, c-F | Roosevelt |
| Daniels, June, a-F | Spanish Fork |
| Darrington, Mary Jane, ss | Provo |
| | Burley, Idaho |
| Davies, Arthur, a-So | Provo |
| | Hill Spring, Alta., Canada |
| Davies, Byron, a-Unm | Cannonville |
| Davies, Grant Busch, c-S | Provo |
| Davies, Charles Jacob, a-S | Provo |
| | Spanish Fork |
| Davies, LeGrande, ap-F | Fillmore |
| Davis, Agnes, c-F | Twigg Falls, Ida. |
| Davis, Boyd C., ss | Provo |
| Davis, Carlos, c-F | Salem |
| Davis, Cecil H., a-So | Provo |
| | Deep Run, North Carolina |
| Davis, Clifton C., a-Sp | Provo |
| Davis, James Douglas, a-J | Provo |
| Davis, Florence Marie, c-So | Salem |
| Davis, Florence, e-F | Spanish Fork |
| Davis, Frances, fa-J | Shelley, Idaho |
| Davis, LeRoy Larson, a-F | Provo |
| | Salt Lake City |
| Davis, J. Leslie, ss | Salina |
| Davis, Marie, fa-So | Provo |
| | Las Vegas, Nevada |
| Davis, Owen Marion, ss | Loa |
| Dawson, Glen Harry, -aF | Payson |
| Day, Dorothy, a-F | Aurora |
| Day, Edna L., ss | Fillmore |
| Day, Francis, ss | Fillmore |

- Day, Gilbert, Eugene, c-F.....Oasis
 Daynes, Dorothy Wynn, c-F.....Phoenix, Arizona
 Dean, Ernest Howard, G.....American Fork
 Dean, Gene William, e-F.....Evanston, Wyo.
 Dean, Leo L., fa-F.....American Fork
 Dean, Marian, ap-F.....Salt Lake City
 DeBry, James, ss.....Preston, Idaho
 Decker, Catharine, ss.....Provo
 Decker, Craig Adams, a-So.....Kirtland, New Mexico
 Decker, Pearl Adams, ss.....Kirtland, New Mexico
 DeGraff, Dale C., c-J.....Heber
 DeGraff, Jay, c-F.....Heber
 DeHart, William Arthur, ss.....Ogden
 Delano, Helen Hartwell, ss.....Yonkers, New York
 DeLoney, Hyrum Charles, a-F.....Jackson, Wyoming
 Demke, Ray Held, a-F.....Murray
 Dénos, Helen, fa-J.....Provo
 Demson, Elizabeth, e-So.....Salem
 Denning, Martha, a-J.....Idaho Falls, Idaho
 Dennis, Elvin J., G.....Roosevelt
 Dennis, Fern Fairbanks, a-J.....Provo
 Dennis, Howard Norman.....Myton
 Dennison, Amelia, fa-So.....Gunnison
 Despoin, Carroll Eldon, a-F.....Prescott, Arizona
 Devy, Afton, e-F.....Alpine
 Devitt, Willard Raymond, e-J.....American Fork
 DeVoe, George A., a-J.....Somers, Mont.
 Dexter, Alfred, Jr., c-S.....Pleasant Grove
 Dillingham, Leslie E., ss.....Salt Lake City
 Dillman, Allen Miles, a-J.....Roosevelt
 Dillman, Naomi Eugene, fa-F.....Roosevelt
 Dimond, Rae H., c-F.....Midvale
 Dixon, Alice Delenna, e-J.....Provo
 Dixon, Dordothy, a-J.....Ogden
 Dixon, Evelyn, fa-J.....Provo
 Dixon, Fred W., G.....Provo
 Dixon, Grant DeGray, aaS.....Provo
 Dixon, Owen George, a-F.....Provo
 Dixon, Stella, sp-J.....Provo
 Dixon, Vera, a-F.....Provo
 Dodds, Virginia C., c-F.....Vernal
 Dodge, Seth Arvid, c-J.....Safford, Arizona
 Done, Mary, c-So.....Salt Lake City
 Done, Willard Edwin, c-S.....Salt Lake City
 Done, Otto, ss.....Tucson, Arizona
 Doss, Loy Fielding, e-Sp.....Provo
 Dougall, Margaret, ss.....Salt Lake City
 Downs, Winston John, a-J.....Provo
 Dransfield, Melvin Russon, c-So.....Ogden
 Draper, Everett C., ss.....Kamas
 Driggs, Carol Margaret, c-So.....Phoenix, Arizona
 Driscoll, Mary H., a-Sp.....Eureka
 Droubay, Edith Madeleine, ss.....Salt Lake City
 Drury, Clarence Nielson, c-F.....Denver, Colorado
 Duce, Donald Folsom, c-J.....Provo
 Duce, George Harold, c-J.....Provo
 Dudley, H. James, e-J.....Orlando, California
 Dudley, Margaret, ss.....Vernal
 Duffin, Lois Margaret, ap-F.....Axtell
 Duffin, Marie, ap-S.....Salt Lake City
 Duke, Violet, ss.....Provo
 Dunford, G. Osmond, ss.....Bloomington, Idaho
 Dunkley, Legrand P. c-Sp.....Washington, D. C.
 Dunkley, Margaret Cady, c-So.....American Fork
 Dunkley, Usa, c-So.....Whitney, Idaho
 Dunn, Lono J., e-F.....Joseph
 Dunyon, Florence, ss.....American Fork
 Dunyon, Joy Fitzgerald, ss.....Cedar City
 Durkee, Vera Jean, a-J.....Provo
 Durnell, Bertha Voegl, ss, e-Ep.....Provo
 Durnell, G. Ray, ss.....Provo
 Durrant, Oorothy, c-J.....Provo
 Durrant, Lois May, fa-F.....Provo
 Dutton, Celestial, ss.....Hinckley
 Dyring, Lucille, e-J.....Manti
 Earl, Harold Leavitt, c-F.....Las Vegas, Nevada
 Earl, LaVieve Huish, G.....Provo
 Earl, Leland Joseph, c-S.....Ogden
 East, Maurine, e-F.....Provo
 Eddington, Roslyn Anne, G.....Springville
 Edmonds, Jo Ann Midgley, ap-F.....Salt Lake City
 Eggertsen, Luther Bud, a-F.....Provo
 Eggertsen, LaMarr Ralph, e-F.....Provo
 Einerson, LaRene, ss.....Roosevelt
 Ekins, Virginia Leon, G.....Provo
 Eldredge, Martha Lambert, e-So.....Salt Lake City
 Eldredge, Orba Moselle, a-F.....Altonah
 Ellertson, Lael, e-J.....Mona
 Elliott, Charles McCline, c-Sp.....Provo
 Elliott, Earl Lamond, c-Sp.....Provo
 Elliott, Grant Hansen, c-Sp.....Provo
 Elliott, Max Carter, a-F.....Provo
 Ellis, Roy, a-F.....Pleasant Grove
 Ellis, Winona Maxine, fa-F.....Boise, Idaho
 Ellison, Helen, e-J.....American Fork
 Ellison, Jack Richard, c-So.....Provo
 Ellison, John A., c-F.....Spanish Fork
 Ellsworth, Cyrus Wightman, ap-So.....Provo
 Ellsworth, Elman K., a-So.....Payson
 Ellsworth, Merlene, e-F.....Payson
 Ellsworth, Nada, ap-S.....Provo
 Ellsworth, Vaughn, a-F.....Mesa, Ariz
 Elswood, Barbara Grace, fa-F.....Shelley, Idaho
 Emley, Elbert Francis, c-J.....Ogden
 Empey, Betty Elizabeth, c-F.....Ogden

Empey, Florence, c-F.....Ogden
Ence, Lenna H., fa-Sp.....Provo
England, Eugene Knight, c-So.....Ogden
England, George Eugene, ss.....
.....Downey, Idaho
Englestead, Elmo Clarence, e-J.....
.....Harmony
Eldredge, Leah L, ss.....Salt Lake City
Eldredge, Wilma L, ss.....Salt Lake City
Elmer, Emma Mary, ss.....Spanish Fork
Ellsworth, Genevieve, ss.....Provo
Ellsworth, Marjorie, ss.....
.....Lewisville, Idaho
Ellsworth, Nada, ss.....Provo
Enniss, Leonard Franklin, a-F.....
.....Pleasant Grove
Ensign, Albert Lozene, a-Unm.....
.....Salt Lake City
Ensign, George C., ss.....Kaysville
Erickson, Alfred Leroy, ss.....Logan
Erickson, Elaine, ss.....Spring City
Ericksen, Gerald Leland, a-S.....
.....Mt. Pleasant
Erickson, William McLoyd, fa-So.....
.....Manti
Erickson, Refell Lean, a-Unm.....Provo
Erickson, Werner Arnold, fa-So.....
.....Pocatello, Idaho
Eskelson, Thelma, e-J.....Ogden
Esplin, T. Lavy, a-J.....Orderville
Evans, Beth Rowe, fa-J.....Spanish Fork
Evans, Bud Davis, fa-J.....Spanish Fork
Evans, Cecil F., ap-Sp.....Provo
Evans, George H., a-So.....Vernal
Evans, Glen Jensen, c-F.....Spanish Fork
Evans, Helen Mar, a-F.....Raymond, Ida.
Evans, Howard Clark, ss.....Lehi
Evans, John Riggs, a-So.....Provo
Evans, Lyle, c-J.....Nephi
Evans, Maria, ss e-Sp.....Malad, Ida.
Evans, Reo G., c-F.....Provo
Evans, Roy Calvin, ap-F.....Malad, Ida.
Evans, Shirl O., c-So.....Butte, Mont.
Evans, Vaalen, e-So.....Coalville
Everett, Eugene George, fa-F.....Ogden
Everett, Schuyler Bentley, c-J.....
.....St. George
Eyre, Floyed G., ss.....Ogden
Facer, Ruth Dolores, fa-F.....Provo
Fackrell, Virginia, a-J.....Eden
Fagg, Cenella Frances, ap-F.....
.....Salt Lake City
Fairbanks, Florence Annetta, ap-So.....
.....Salt Lake City
Fairbanks, Geraldine, fa-So.....
.....Richfield
Fairbanks, Merwin Gifford, fa-So.....
.....Salt Lake City
Fairbanks, S. Voy, fa-F.....
.....Salt Lake City
Fa'kner, Edith, c-Unm.....Provo
Farley, Phyllis, e-Sp.....Provo
Farley, Stanley T., c-So.....Provo
Farner, Lloyd M., G.....Provo
Farnes, Wanda Irene, a-So.....
.....Twin Bridges, Mont.
Farnsworth, Doraine, ss.....
.....Salt Lake City
Farnsworth, c-F.....Ogden
Farnsworth, Ivis, e-So.....
.....Colonia Dublin, Chihuahua, Mex.
Farnsworth, Mary, e-F.....
.....Colonia Dublin, Chihuahua, Mex.
Farnsworth, Thelma, ap-So.....Beaver
Farnworth, Viola A., G.....Provo
Farr, Eleanor Gertrude, fa-S.....
.....Washington, D.C.
Faucette, Reese Earl, G.....
.....Sanford, Colorado
Fausett, Flora, ss.....Price
Faux, Ted, a-So.....Spanish Fork
Fechser, Kenneth Frederick, ss.....Manti
Felix, Eileen, e-F.....Springville
Felt, Bert, a-S.....Centerfield
Fenn, Rey L., ap-F.....Benson, Arizona
Ferguson, Eileen M., ss.....American Fork
Feulner, Marian, ap-So.....Magna
Feverstein, Mary Ann, ss.....
.....Idaho Falls, Idaho
Fife, Iretta, c-So.....Los Angeles, Calif.
Fillmore, Elithe, ap-Sp.....Provo
Fillmore, Melvin Woodrow, a-So.....
.....Provo
Finlayson, Kathryn, ss.....
.....Pocatello, Idaho
Finlayson, Lloyd Taylor, a-J.....Provo
Finlayson, Vida, c-So.....Provo
Finley, Bessie, ss.....Springville
Finley, May, ss.....Springville
Firmage, William West, c-F.....Beaver
Fish, Adelaide Margaret, ss.....Delta
Fish, Charles Riggs, a-S.....Provo
Fish, Joseph Smith, ss.....Delta
Fisher, Flora Davis, ss.....Provo
Fisher, Grant, c-So.....Provo
Fisher, Jay N., ap-F.....Meadow
Fitzgerald, Annie, ss.....Draper
Fitzgerald, John W., ss.....Draper
Fitzgerald, Paul Ray, a-F.....Delta
Flake, Lue Dean, a-Unm.....
.....Snowflake, Ariz.
Flake, Samuel Dennis, fa-S, ss.....
.....Snowflake, Ariz.
Fletcher, Charles Thomas, a-S.....Provo
Fletcher, James Chipman, a-J, ss.....
.....Flushing, New York
Fletcher, Robert Chipman, a-F.....
.....Flushing, New York
Fletcher, Sarah Ellen, ss.....Junction
Fliflet, George Victor, a-So.....Provo
Flint, Leon Haight, e-F.....Layton
Follett, Mabel L., e-J, ss.....Ephraim
Folsom, Ronald Reid, ss, G.....
.....Calgary, Alta., Canada
Foote, Elwood Earl, ap-F.....Provo
Forbes, Martha Louise, ss.....Lehi
Ford, Carl H., c-F.....Wallsburg
Fordham, Naoma, e-J.....St. George
Foremaster, Florence, ss.....St. George
Forsey, David Churchill, c-Unm.....
.....Payson
Forsey, George Furner, a-J.....Eureka
Forsyth, J. LeGrand, a-F.....
.....Kalispell, Mont.
Forsyth, William Ackroyd, ss, G.....
.....Cardston, Alta., Canada

- Foster, Karl Franklin, a-J. St. George
 Foster, Milton Morris, ss Laharna, Hawaii
 Foster, Verne, ss Burley, Idaho
 Fotland, Clara, ss, e-Sp Provo
 Foulger, Delsa, ss Ogden
 Fountin, Kleva, c-Sp Provo
 Fowles, Louise, ss Mt. Pleasant
 Fox, Norine, ss Lehi
 Fox, Rulon Boyer, ap-F Springville
 Francis, Dean Wilson, a-So Santa Ana, Calif.
 Francis, Howard Kent, ap-So Morgan
 Francis, Malin Elroy, ap-So Morgan
 Francis, Paul Edwin, a-So Santa Ana, Calif.
 Francis, Sam Boyd, ap-So Santa Ana, Calif.
 Frandsen, Ernest, ss Provo
 Frandsen, Howard, c-J Provo
 Frandsen, LaVona, e-J Gunnison
 Frandsen, Russell Evan, e-So Provo
 Fraughton, Elma Thompson, e-S Georgetown, Idaho
 Frazier, Leo Odean, c-J Oakley
 Freckleton, John M., e-S, ss Provo
 Frederickson, Anna, e-F Roosevelt
 Frederickson, Harold, ap-F Roosevelt
 Freedman, Bernard, a-F Hudson, Mass.
 Freestone, James R., ap-S Mesa, Arizona
 Frehner, Leon, ap-J Mesquite, Nev.
 Froerer, Lillian Mae, e-S Ogden
 Frost, Herbert Hamilton, a-So Newport, Rhode Island
 Fugal, Anna Letha, e-So Pleasant Grove
 Fuller, Chloe, ss Eden
 Fuller, Dorothy Elizabeth, ap-J Barnwell, Alberta, Canada
 Fuller, Rose Marie, ap-So Barnwell, Alberta, Canada
 Fuller, Verda Mae, fa-So Barnwell, Alberta, Canada
 Fullmer, Frank Eugene, e-Unm Springville
 Fults, Chester L., c-F Altamont, Tennessee
 Furr, Cecil R., ss Mesa, Arizona
 Gadd, John William, e-So Pephi
 Gaeth, Arthur, a-S Provo
 Gagon, Glen Scott, a-F Provo
 Gaisford, Frank LeRoy, a-F American Fork
 Galbraith, Dana V., e-Unm Raymond, Alberta, Canada
 Galway, Desma Hall, ss, G Provo
 Gardner, Dean Anthony, a-F Coalville
 Gardner, Edward L., a-J Delta
 Gardner, George Grant, ss Springville
 Gardner, Gladys, e-Sp Spanish Fork
 Gardner, Harvey E., ss Salt Lake City
 Gardner, Ivin E., ss Salem
 Gardiner, Jack Simeon, a-So Pleasant Grove
 Gardner, Kenneth Grant, fa-So Afton, Wyo.
 Gardner, Lamar, e-F Jensen
 Gardner, Max Brockbank, c-F Spanish Fork
 Gardner, Neil B., a-J Spanish Fork
 Gardner, Nita, e-S Salem
 Gardner, E. Ray, ss American Fork
 Gardner, Ross D., a-S Salt Lake City
 Gardner, Shirley, fa-F Richfield
 Gardner, Valoise Sharlee, a-So Cheyenne, Wyo.
 Gardner, Samuel Vernon, a-So Salem
 Gardner, Weldon James, a-F Salt Lake City
 Garrett, Bernice, c-So Nephi
 Garrett, Phil, c-So Nephi
 Garrett, Ralph L., a-S, ss Nephi
 Gassman, Alta Thompson, ap-S Ephraim
 Gates, Violet Iona, a-Unm Los Angeles, Cal.
 Gay, Bill, a-F Provo
 Gay, Farral Dee, a-J Joseph
 Gay, Grant Venoy, ss Joseph
 Gearheart, Verla Bess, a-S Chinook, Mont.
 Geary, Charles Calvin, ss Morgan
 Gease, Stanford Warner, c-F Provo
 Gentry, Joseph, a-J Beaver
 Gentry, Vivian Pauline, fa-F Mackay, Idaho
 George, Lloyd, a-F Kanosh
 George, Scott, c-So Kanosh
 Gerber, Grant McKee, a-F Wellington
 Germer, Max, ss, e-Sp Deweyville
 Geslison, Byron T., e-S Spanish Fork
 Geslison, Clarence M., e-S Spanish Fork
 Gibb, George Hildon, a-So Hillspring, Alta, Canada
 Gibb, Jack Rex, G Portland, Oregon
 Gibb, Rulon, G Magrath, Alta., Can.
 Gibbons, Robert Gifford, ss Malad, Idaho
 Gibbs, Harding Z., ss Blackfoot, Ida.
 Gibby, Thomas, ss, a-Sp Ogden
 Gibb, Verda, a-Sp Magrath, Alta., Canada
 Gibby, Evard C., a-F Roy
 Gibby, Irvin W., ap-S Roy
 Gibson, M. Carl, fa-F Las Vegas, Nev.
 Gibson, Charles Melvin, Jr., ap-Sp Provo
 Gibson, R. Owen, a-J Las Vegas, Nevada
 Giddings, Crandall B., ss American Fork
 Giddings, Irene, ap-J American Fork
 Gilbert, Art Gene, e-J Salt Lake City
 Gilbert, Glen Albert, ap-F Arcadia
 Giles, Clarence William, e-S Heber
 Giles, Kenneth Douglas, c-So Heber
 Giles, Lucille Pratt, fa-So Salt Lake City
 Giles, Marie, a-F Heber City
 Gillette, Delone, c-F Tooele

- Gleason, Jennie, ss.....Pleasant Grove
 Gleave, Dawn, e-F.....Annabella
 Gleave, Nola, e-J.....Annabella
 Gleave, Shirley Ann, e-J.....Annabella
 Gledhill, Evelyn, fa-F.....Richfield
 Gledhill, Ora, ss.....Richfield
 Gledhill, Preston Roy, fa-J.....Richfield
 Gledhill, Utahna, ss.....Richfield
 Clines, Marjorie, fa-J.....Ogden
 Glissmeyer, Pearl, e-J.....Salt Lake City
 Glover, Don Walter, a-F.....Lehi
 Goats, Dorothy Jean, e-F.....Provo
 Goates, Ralph Gardner, c-So.....Jordan
 Goates, Rex James, a-F.....Provo
 Godfrey, Gladys Marie, e-F.....Lehi
 Goodcliffe, Florence Marvella, ss.....
 Rexburg, Idaho
 Goodrich, Floyd C., c-S.....Bluebell
 Goodrich, Ruth, e-J.....Vernal
 Goodwin, Elaine, e-E.....Park City
 Gordon, Dean, a-F.....American Fork
 Gould, Arthur, e-J.....Los Angeles, Calif.
 Gourley, June, ap-So.....Salt Lake City
 Gourley, Rex Stanley, a-So.....
 Salt Lake City
 Gourley, Virginia May, e-F.....Salem
 Gowers, Don Ray, a-F.....Nephi
 Graehl, Richard Norman, c-S.....Ogden
 Graff, Chester, ss.....Oren
 Graff, Clara, ss.....Santa Clara
 Graff, Glenn R., ss.....Rockville
 Graham, Arnold Earl, a-F.....Provo
 Graham, Jo, e-J.....Provo
 Graham, Ray Clegg, ap-S.....Wellsburg
 Grant, Carter Eldredge, ss.....Sandy
 Grant, Dama, fa-F.....Springville
 Grasse, Marjorie, fa-S.....Denver, Colo.
 Gray, Elmo Austin, a-F.....Lehi
 Gray, Grace, e-F.....Provo
 Gray, Eunice Jeanette, a-F.....Tooele
 Gray, Kyle A., e-F.....Lehi
 Greaves, Cleah, fa-F.....Salt Lake City
 Green, Alberta, a-J.....Chicago, Ill.
 Green, Mary V., e-So.....Ogden
 Greener, Marvin Lorenzo, e-J.....
 Hinckley
 Greenwell, Ruth, fa-J.....Ogden
 Greenwood, Dorothy Anne, e-So.....
 Sandy
 Greenwood, E. Morgan, e-So.....Nephi
 Greenwood, Lois, ss.....American Fork
 Greenwood, Sherman Robinson, a-So.....
 American Fork
 Gregersen, Wallace LaVell, ss.....
 Elsinore
 Griffin, Charles L., ss.....Cedar City
 Griffin, Vernile Emerson, a-J.....
 Escalante
 Grimes, Jesse William, ss, e-J.....Provo
 Groesbeck, Earl Sanderson, ss.....
 Springville
 Groesbeck, John Rowe, ss.....Payson
 Groesbeck, ss, e-Sp.....Springville
 Groesbeck, Rhoda Marie, ss.....
 Springville
 Grover, Roscoe A., ss.....New York City
 Gubler, Clark Johnson, a-S.....LaVerkin
 Gudgeon, Nellie, c-Sp.....Provo
- Gudmundson, Barbara, e-So.....
 Springville
 Gull, Beatrice Gardner, e-So.....
 Spanish Fork
 Gunn, John A., ss.....Beaver City
 Gunn, Stanley R., ss.....Hyrum
 Gunnell, Halden, e-J.....Grace, Idaho
 Gurney, J. Ferrin, ss.....Lehi
 Gurney, Virginia Weight, ss.....Lehi
 Gustavson, Herbert Julius.....
 Preston, Idaho
 Guy, Leonard Philip, ss, a-F.....Provo
 Hacking, John Walter, ss, c-Unm.....
 Burley, Idaho
 Hacking, LaVerle Thomas, a-F.....
 Cedar Valley
 Hadlock, Orlando B., ss, e-Sp.....Ogden
 Hafen, Ada, e-S.....St. George
 Haggerty, Beth Leone K., a-Sp.....Provo
 Haggerty, Charles Edward, e-S.....
 Keyser, W. Va.
 Hair, Boyd, a-F.....Vernal
 Hair, Elaine Doris, fa-So.....Marion
 Hakes, F. Russell, e-J.....Mesa, Ariz.
 Hales, Beth Gardner, a-F.....
 Washington, D. C.
 Hales, Lois Marie, c-So.....Springville
 Hales, Iman, ss.....Hinckley
 Hales, James Vern, ss.....Provo
 Hales, D. Wilson, ss, a-So.....Provo
 Hales, Mark L., a-So.....Spanish Fork
 Hall, Avarad B., a-So.....Eggra, Ariz.
 Hall, Catherine, e-J.....Roosevelt
 Hall, David Bingham, ap-F.....Vernal
 Hall, J. Clark, fa-J.....Minersville
 Hall, Freda, e-F.....Vernal
 Hall, Lela, e-J.....Vernal
 Hall, Lucille, e-F.....Nephi
 Hall, Maurice Marker, G.....Santaquin
 Hall, Rex Pickett, a-F.....Burley, Idaho
 Hall, Ruth Louise, e-F.....Payson
 Halladay, Nettie Elizabeth, c-F.....
 Kamas
 Hallam, Lucille, ss, a-S.....Spanish Fork
 Halliday, Flora F., ss.....Provo
 Halliday, Jack R., ap-So.....Provo
 Halliday, Nina, ss.....American Fork
 Hamblin, Clara, ss.....St. Johns, Ariz.
 Hamblin, Frank Obed, ap-F.....Murray
 Hammond, Marion Emanuel, a-J.....
 Cowley, Wyoming
 Hanchett, Hughes Byron, G.....Provo
 Hanks, Barbara, fa-J.....Burley, Idaho
 Hanks, Chas. Lynn, ss.....Salem
 Hanks, Elizabeth, e-So.....Burley, Ida.
 Hanks, Ray Eugene, c-So.....
 Salt Lake City
 Hanseen, Marjorie, e-Unm.....Provo
 Hansen, Alma Wayment, a-S.....Ogden
 Hansen, Anne, e-J.....Spanish Fork
 Hansen, Beth, ap-So.....Idaho, Idaho
 Hansen, Blaine George, e-J.....
 Mt. Pleasant
 Hansen, Donnetta Rachel, a-F.....
 Boise, Idaho
 Hanson, Dorr William, e-J.....
 Sunnyside
 Hansen, Elda, ss.....Richfield

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|--------------------------------------|-----------------------------|
| Hansen, Elliott G., a-Sp..... | Provo |
| Hansen, Emma Harris, e-S..... | Ogden |
| Hansen, Esther Rasseyer, fa-Unm..... | Orem |
| Hansen, Genevieve, a-So..... | Provo |
| Hanson, George Willard, fa-F..... | Klamath Falls, Oregon |
| Hansen, Glenn W., ss..... | Richfield |
| Hansen, Grant, a-S..... | Provo |
| Hansen, Grant, c-F..... | Vernal |
| Hansen, Helen, fa-F..... | Lehi |
| Hansen, Henry Lloyd, ss..... | Monticello |
| Hansen, Ila, ap-F..... | Lovell, Wyo. |
| Hansen, Jean Todds, ss..... | Boulder |
| Hansen, Kenneth, a-Unm..... | Provo |
| Hansen, LaVonda, fa-So..... | Richfield |
| Hanson, Leo, ss..... | Lehi |
| Hanson, Leora Marie, ss..... | Tetonia, Ida. |
| Hansen, Louise, ss, e-J..... | Delta |
| Hansen, B. Lyle, a-J..... | Sheridan, Wyo. |
| Hansen, Matt Joseph, a-F..... | Sheridan, Wyo. |
| Hansen, Mildred Cora, c-Sp..... | Boise, Idaho |
| Hansen, Myrlin Carl, e-J..... | Salina |
| Hansen, Pansy M., c-So..... | Lehi |
| Hanson, Parker G., c-J..... | Provo |
| Hansen, Pauline Shepherd, fa-F..... | Brigham City |
| Hanson, Roy Williams, c-J..... | Spanish Fork |
| Hansen, Ruth, e-J..... | Delta |
| Hansen, Ruth, ap-So..... | Provo |
| Hansen, Sarah Marie, ap-So..... | St. Anthony, Idaho |
| Hansen, Sybil, a-So..... | Preston, Idaho |
| Hansen, Vennes May, fa-So..... | Council, Idaho |
| Hansen, William E., ap-J..... | Orem |
| Hansen, Wyroa B., e-Sp, ss..... | Provo |
| Hard, Beulah Mae, c-Sp..... | Provo |
| Harder, Rane, e-So..... | Lemington |
| Harding, Eldon Arthur, ss, e-Sp..... | Provo |
| Hardman, Lois, c-F..... | Mackay, Idaho |
| Hardy, Edythe Ruth, c-F..... | Spanish Fork |
| Hardy, Irene, e-F..... | Provo |
| Hardy, J. Kay, c-F..... | Springville |
| Hardy, Norwood, ap-So..... | Vernal |
| Harker, Lawrence Leon, e-S,ss..... | Hill Spring, Alta., Canada |
| Harmer, Bernice, ap-F..... | Mapleton |
| Harmer, Dorothy, ss..... | Springville |
| Harmer, Naomi, a-So..... | Mapleton |
| Harmer, Vernon, A., c-F..... | Springville |
| Harmon, Paul Lewis, c-So..... | Provo |
| Harmon, Robert Kling, ap-F..... | Provo |
| Harper, Alta, a-So..... | Oakley, Idaho |
| Harper, Helen, ap-F..... | Pleasant Grove |
| Harper, Wilson T., a-S..... | Oakley, Idaho |
| Harris, Alvin, ss, a-Sp..... | Portage |
| Harris, Carol Jean, e-J..... | Provo |
| Harris, Charles D., ss..... | Pleasant Grove |
| Harris, Dola, a-J..... | Lovell, Wyo. |
| Harris, Donald George, c-Unm..... | Portland, Ore. |
| Harris, Edward D., ss..... | Delta |
| Harris, Estelle S., ss, a-Sp..... | Provo |
| Harris, Eugene, a-Sp..... | Provo |
| Harris, Grant Boyd, ss..... | Standardville |
| Harris, Josephine Emerald, c-F..... | Boise, Idaho |
| Harris, Leah Dorothy, ss, ap-S..... | Provo |
| Harris, Mildred, ss, ap-So..... | Provo |
| Harris, Oleah Montez, a-F..... | Portland, Oregon |
| Harris, Roy Evans, a-Unm..... | Taber, Alta., Canada |
| Harris, Ruth, c-So..... | Salt Lake City |
| Harris, Sherman R., e-F..... | Kamas |
| Harris, Vonda, ss..... | Provo |
| Harrison, Dan Bird, a-S..... | Provo |
| Harrison, Helen, e-F..... | Provo |
| Harrison, Jack, fa-So..... | Provo |
| Harrison, Kermit C., a-F..... | Lovell, Wyo. |
| Harrison, Lorna Jensen, ss..... | Provo |
| Harrison, Stanford, a-S..... | Downey, Ida. |
| Hart, Sylvester Evensen, fa-F..... | Raymond, Ida. |
| Hart, Victor Blaine, a-S..... | Pocatello, Idaho |
| Hartley, Gwen, a-S..... | Fairview |
| Harton, Leo Wedge, e-So..... | Caliente, Nevada |
| Harvey, Eugene Louis, a-F..... | Pleasant Grove |
| Harvey, Richard Paul, ap-So..... | Pleasant Grove |
| Haskel, Stanley, a-F..... | Milford, Mass. |
| Haslam, Vern Hill, fa-F..... | Lewiston |
| Hassell, Farol, a-S..... | Mammoth |
| Hastings, Emmeline, ss..... | Mesa, Ariz. |
| Hastings, Ether, ss, e-S..... | Hurricane |
| Hatch, Clifford LeRoy, a-So..... | Corinne |
| Hatch, Elizabeth, a-F..... | Vernal |
| Hatch, Ernestine, ap-So..... | Colonia Juarez, Chih., Mex. |
| Hatch, Wh. Bradford, G..... | Provo |
| Hatch, Glena, a-Sp..... | Provo |
| Hatch, Noel K., a-So..... | Provo |
| Hatch, Orvill, a-F..... | Panguitch |
| Hatton, Don, ss..... | Kanosh |
| Hauser, Clyde Harold, a-So..... | Provo |
| Hawker, Afton, a-J..... | Grantsville |
| Hawkes, H. Bowman, a-J..... | Ogden |
| Hawkins, Douglas, ss..... | Ely, Nevada |
| Hawkins, Goldia Marie, c-F..... | Colonia Juarez, Chih., Mex. |
| Hawkins, John Fairfield, ss..... | Logan |
| Hawley, Mildred, e-F..... | Pico, Calif. |
| Haws, Elwood G., c-J..... | Provo |
| Haws, Gilbert Smith, a-J..... | Provo |
| Haws, Lois, a-Sp..... | Provo |
| Hayes, Leith, e-J, ss..... | Provo |
| Hayes, Mary Clark, ss..... | Thatcher, Ariz. |
| Hayes, Sheldon Philips, ss..... | Thatcher, Ariz. |
| Haylor, Betty Jane, c-F..... | Park City |
| Haymore, John Arnold, ss, c-So..... | Douglas, Ariz. |
| Haymore, David Leonard, c-F..... | Douglas, Ariz. |
| Haymore, Erma Joyce, ap-F..... | Douglas, Ariz. |

Haymore, Franklin Lant, c-S-o..... Douglas, Ariz.
 Haymore, Franklin Reynard, c-S..... Douglas, Ariz.
 Haynes, James Willis, a-F..... San Wateo, Florida
 Haywood, Ida, ss..... Salt Lake City
 Heal, William Ward, c-F..... Provo
 Hearbell, Arline, ap-Sp..... Provo
 Heath, David Hugh, e-F..... Paul, Idaho
 Hecker, James Carol, a-F..... Fond du Lac, Wisconsin
 Heckethron, Pearl Garneta, e-J..... McGill, Nevada
 Hedquist, Dorothy Vivian, ss, fa-J..... Provo
 Heath, Goldie A., ss..... Idaho Falls, Ida.
 Heiner, H. Bartley, ss..... Roosevelt
 Heiner, Iris Jean, a-So..... Oakley, Ida.
 Hemingway, Donald William, fa-J..... Ely, Nevada
 Hemingway, John Raymond, fa-So..... Salt Lake City
 Hemingway, Thomas, a-S..... Ely, Nevada
 Henderson, Francis Marion, a-F..... Wilmington, N. C.
 Henderson, Herman, c-S..... Clifton, Ida.
 Henderson, Laura W., ss..... Provo
 Henderson, Walter, e-S..... Connerville
 Hendricks, Ruth Allen, fa-F..... Leadville, Colo.
 Hennefer, Jay Fisher, G..... Layton
 Henrie, Frank, a-F..... Panguitch
 Henrie, Hilma, fa-F..... Provo
 Henrie, James Richard..... Marysville
 Henrie, Robert, c-So..... Richfield
 Hepworth, Grace, c-F..... Hinckley
 Herbert, Ana Faun, e-J..... Salina
 Herbert, Leo, c-S..... Douglas, Ariz.
 Herbert, Mary, ss..... Salina
 Hermansen, Phyllis, e-S..... Gunnison
 Hess, Odean Lot, e-So..... Brigham City
 Heybourne, R. L., ss..... Delta
 Heywood, Edith, ap-S..... Panguitch
 Hiatt, Louisa Gene, e-F..... Provo
 Hiatt, Nola Marie, ap-So..... Payson
 Hicken, Daniel Reed, c-F..... Heber
 Hicken, Fay, e-J..... Richmond
 Hickman, Rex L., a-F..... Benjamin
 Higby, Patricia Clara, a-So..... Boise, Idaho
 Higginbotham, William Andrews, a-So..... Provo
 Higgs, Afton, ss, a-S..... Salt Lake City
 Hiags, Norma, a-So..... Salt Lake City
 Hilgendorff, John G., ss..... Provo
 Hills, M. Austin, fa-F..... Blackfoot, Ida.
 Hill, Dean D., ap-Sp..... Payson
 Hill, Elizabeth, ss, a-J..... Salt Lake City
 Hill, George Richard, a-F..... Salt Lake City
 Hill, Jean Webster, c-F..... Kaysville
 Hill, Laurel Daysha, e-J..... Provo
 Hill, Lula, ss..... Rexburg, Idaho
 Hill, Marian Julia, ss..... Ogden
 Hills, Robert Amos, a-F..... Provo
 Hilt, John, a-S..... Pleasant Grove
 Hilt, Frances, c-F..... Provo
 Hinckley, Elayne, a-So..... Hinckley
 Hinckley, Rulon T., ss..... Hinckley
 Hinckley, Sylvia, a-J..... Chicago, Illinois
 Hinman, Edgar W., ap-S..... Cardston, Alta., Canada
 Hinze, Phillip Mayo, ap-F..... Payson
 Hirschi, Barbara, c-So..... Hurricane
 Hitchcock, Marcus Floyd, a-So..... Provo
 Hobson, Glen George, ss..... Hoytsville
 Hodge, June A., ss, a-J..... Spanish Fork
 Hodson, Mae, ss, e-S..... Provo
 Hogan, Eva, ap-J..... Eureka
 Hogan, Lydia Peterson, e-J..... Provo
 Hogan, Mareleen, ap-F..... Eureka
 Hogge, Iva Mae, c-F..... Eden
 Hogge, Leah Marelda, e-S..... Eden
 Hohmann, Fritz Carl, a-So..... Glen Cove, New York
 Holbrook, Elaine, ap-F..... Provo
 Holbrook, Helen, ss, fa-S..... Provo
 Holbrook, Leona, ss..... Salt Lake City
 Holbrook, Vera, ap-J..... Provo
 Holdaway, Dorothy, e-So..... Heber
 Holindrake, Kathryn, c-F..... American Fork
 Holladay, Clifton M., G..... Santaquin
 Holladay, Howard, ss..... Santaquin
 Holland, Thelma Leora, fa-So..... Glenn's Ferry, Idaho
 Holloman, Lillian Virla, ap-F..... Boone, Iowa
 Holley, Lora, a-F..... Rexburg, Ida.
 Holley, Floyd Beck, a-Unm.....
 Holley, Irma, a-So..... Springville
 Holm, Floyd S., a-So..... Mapleton
 Holmstead, Jean Ellen, ap-So..... American Fork
 Holt, Camilla, ss..... Enterprise
 Holt, Gene, c-Unm..... Long Peach, Cal.
 Holt, Joseph S., ap-J..... Mesa, Ariz.
 Holt, Phylliss Carolyn, e-So..... Tooele
 Holt, Lois, ss..... Thornton, Idaho
 Holyoak, John L., ss..... Burley, Ida.
 Homer, Leo O., ss..... Hurricane
 Homer, Leona O., ss..... Rigby, Idaho
 Hooks, Bertha L., ss..... Provo
 Hooks, Gladys, ss..... Provo
 Hoopes, Kenneth A., fa-F..... Beaver
 Hoover, Bliss Mark, ss..... Heber
 Hopkins, Zona Elizabeth, e-F..... Garland, Wyo.
 Hopla, Cluff, a-So..... Mapleton
 Hopper, Franklin T., e-S..... Spanish Fork
 Horlacher, Ralph Milton, c-S..... Ely, Nevada
 Horsley, Gladys, ss..... Soda Springs, Idaho
 Hortin, Hal Carlisle, a-F..... Oakley
 Hortin, Roberta, e-F..... Oakley
 Hortin, Winona, e-F..... Oakley
 Hotchkiss, C. Edward, ap-So..... Dearborn, Michigan
 Hough, Elizabeth Lois, a-Unm..... Provo

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|--|-----------------------------|
| Houston, Lee Fred, a-F..... | Panguitch |
| Houston, Norma Naomi, fa-F..... | Whiterocks |
| Houston, Opal, a-F..... | Panguitch |
| Houston, Wallace Matheson, a-So..... | Panguitch |
| Houtz, Charlotte Elizabeth, e-So..... | Provo |
| Howard, Elmo Oris, c-So..... | Pine, Ariz. |
| Howard, Martha, ss..... | Nephi |
| Howard, Flora, ap-J..... | Huntington |
| Howard, Thomas Larson, ap-F..... | Pleasant Grove |
| Howe, Cruse Junior, fa-So..... | Provo |
| Howe, Orvil H., c-So..... | Provo |
| Howell, Alice, ss..... | Rexburg, Idaho |
| Hoyt, Helen Grace, G..... | Provo |
| Hreinson, Fay, a-F..... | Pleasant Grove |
| Huber, Marguerite, ss..... | Midway |
| Huggard, Phil, a-Unm..... | American Fork |
| Hughes, Ruth Frances, fa-J..... | Spanish Fork |
| Hughes, Phil, a-F..... | Spanish Fork |
| Huish, Marjorie, c-F..... | Provo |
| Hull, Alvin C., Jr., G..... | Ogden |
| Hullinger, Harvey, ss-e-Sp..... | Lapoint |
| Hullinger, Orval, e-S..... | Lapoint |
| Hullinger, Roland Harvey, ss, e-S..... | Lapoint |
| Hulme, Benjamin F., ss..... | Paris, Ida. |
| Hunn, Frances, ap-Sp..... | Provo |
| Hunn, Spencer S., a-So..... | Provo |
| Hunt, Arthur S., a-So..... | Pine, Ariz. |
| Hunt, Burton Poulter, G..... | Pine, Ariz. |
| Hunt, Mildred Tobler, ss..... | Overton, Nevada |
| Hunt, Sheldon Ross, ss..... | Salina |
| Hunter, Cyrus Russon, e-S..... | Oakley, Idaho |
| Hunter, Dwain James, a-F..... | Bennington, Idaho |
| Hunter, Mildred, c-F..... | Richfield |
| Hunter, Quentin Farr, a-So..... | Oakley, Idaho |
| Hunter, Velma, e-J..... | Ogden |
| Hunter, Velva, fa-F..... | Boise, Idaho |
| Huntington, Mary, a-So..... | Springville |
| Hunton, Roy Sherman, a-F..... | Rawlins, Wyoming |
| Hurst, Florence, ap-J..... | Sanderson, Texas |
| Hurst, Margaret, fa-J..... | Panguitch |
| Hurst, Mildred June, c-So..... | Sanderson, Texas |
| Hutchings, Harold Colledge, a-J..... | Lehi |
| Hutchings, Eunice Laurel, a-Unm..... | Lehi |
| Hutchings, Stanley Arthur, a-J..... | Midvale |
| Hvala, Louise, a-J..... | Salt Lake City |
| Hylvon, Edith, ap-Unm..... | Heber |
| Idle, Ermaleta, ap-J..... | Laramie, Wyo. |
| Imlay, LeRoy Clark, a-F..... | Grantsville |
| Imlay, Luetta, ss..... | Hurricane |
| Ipsen, Allen, a-So..... | Bennington, Ida. |
| Ipsen, Donald, a-J..... | Bennington, Ida. |
| Ipsen, Rita Mae, a-F..... | Panguitch |
| Irone, Iris, ss..... | Salt Lake City |
| Isbell, Dean J., ss..... | Richfield |
| Irsom, Kate, ss..... | Hurricane |
| Iverson, Ivan Charles, c-S..... | Provo |
| Ivie, Carl, ap-F..... | Tabiona |
| Ivie, Quinten Byron, a-F..... | Springville |
| Ivins,, Anthony Hamblin, ap-So..... | Provo |
| Jackson, Elvon G., a-S..... | Boulder, Colo. |
| Jackson, Ernest Hans, e-So..... | Teasdale |
| Jackson, Genevieve, e-J..... | Provo |
| Jackson, George Gee, a-F..... | Boulder, Colorado |
| Jackson, George, a-Unm..... | Holden |
| Jackson, Golda, e-J..... | Boulder |
| Jackson, Ila, e-J..... | Teasdale |
| Jackson, Louise, ap-J..... | Provo |
| Jackson, Norma, G..... | Bouder, Colo. |
| Jackson, Rachel, fa-F..... | Provo |
| Jackson, Reva, ss, e-Sp..... | Teasdale |
| Jackson, Verna, e-So..... | Loa |
| Jacobs, Briant Stringham, ss..... | Mt. Pleasant |
| Jacob, Norton, a-F..... | Provo |
| Jacobe, William A., e-J..... | Vernal |
| Jacobs, Bennett H., c-S..... | Rockland, Idaho |
| Jacobs, Briant Stringham, a-S..... | Mt. Pleasant |
| Jacob, Calvin Keith, c-F..... | Provo |
| Jacobs, J. Smith, ss, a-Sp..... | Ogden |
| Jacobs, Helen Margerite, ss..... | Provo |
| Jacobson, Alma Evan, e-Sp..... | Springville |
| Jacobson, Dorothy, ss..... | Salt Lake City |
| Jacobsen, Lucille Eleanor, a-F..... | Spanish Fork |
| Jacobson, Raymond Merlin, c-J..... | Provo |
| Jacobson, V. Grant, c-F..... | Provo |
| Jameson, Joseph L., ss..... | Eureka |
| Janssen, Helen, ap-S..... | Murray |
| Jaroch, Harold Edward, e-So..... | Niles, Mich. |
| Jaroch, Phyllis Irene, fa-So..... | New Castle, Colo. |
| Jarvis, Ella Wall, e-Unm..... | Colonia Juarez, Chih., Mex. |
| Jeffery, Pearl, ss..... | Delta |
| Jeffery, Ronda Nelden, ap-So..... | Delta |
| Jenkins, Burke Douglas, c-F..... | Provo |
| Jenkins, Lucille Jessie, ap-F..... | Springville |
| Jenkins, Melba, c-F..... | Nephi |
| Jenkins, Ronda Hardy, a-F..... | Springville |
| Jenkinson, Wallace Hardy, a-F..... | Lehi |
| Jennings, Charles Hastings, fa-F..... | Lame Deer, Montana |
| Jensen, Anna, a-F..... | Brigham City |
| Jensen, Beth, c-F..... | Castle Dale |
| Jensen, Bette Cunningham, a-F..... | Salt Lake City |
| Jensen, Beulah, fa-S..... | Provo |
| Jensen, Byron, fa-So..... | Provo |
| Jensen, C. Lavoir, ss, e-Sp..... | Provo |
| Jensen, Cannon H., G..... | Provo |

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Johnson, George, a-Unm..... Provo
Johnson, Gwen, fa-So..... Richfield
Johnson, Gwenevere, a-F..... Springville
Johnson, Hal C., ap-Sp..... Ioka
Johnson, Helen, ap-F..... Provo
Johnson, A. Herbert, a-So..... Provo
Johnson, Howard Melvin, ap-So.....
..... Springville
Johnson, Ludvib, Irvin, ap-So..... Provo
Johnson, James Wallace, ss, e-S.....
..... Vernal
Johnson, Jennings Augustus, c-F.....
..... Mesa, Ariz.
Johnson, Jessie May, e-F.....
..... Salt Lake City
Johnson, Lloyd Magnus, ap-So.....
..... Lakeside, Ariz.
Johnson, Lorin LaVar, ap-sp..... Payson
Johnson, J. Mack, a-So..... Benjamin
Johnson, Margaret Elizabeth, ss.....
..... Provo
Johnson, Margaret Evelyn, fa-F.....
..... Huntington, Oregon
Johnson, Mary, fa-F..... Fillmore
Johnson, Minerva, ss..... Springville
Johnson, Neil, a-F..... Payson
Johnson, Nelda Anne, e-S..... Springville
Johnson, Pearl Levell, fa-So..... Payson
Johnson, Ralph Doran, c-Unm..... Provo
Johnson, Ray, c-J..... Leamington
Johnson, Reva Lovina, c-Unm..... Provo
Johnson, Richard Wanlass, a-F..... Lehi
Johnson, Robert Garrett, fa-F.....
..... Mt. Harris, Colo.
Johnson, Robert Lyman, e-F.....
..... Yuba City, Calif.
Johnson, Roland, c-F..... Spanish Fork
Johnson, Ronald, a-F..... Mapleton
Johnson, Rulon H., a-So..... Provo
Johnson, Ruth Amanda, e-J..... Manti
Johnson, Sheldon, a-F..... Huntington
Johnson, J. Van, fa-J..... Cowley, Wyo.
Johnson, Wanda, ss..... Vernal
Johnson, Zina R., ss..... Springville
Jolley, Calvin Barnson, ss, a-S.....
..... Long Beach, Calif.
Jolley, Christine B., c-Sp..... Provo
Jolley, Edith Brown, ss..... Tropic
Jolley, Eileen, c-F..... Provo
Jolley, Joyce, e-F..... Provo
Jolley, Orlando Joseph, a-So..... Provo
Jones, Blanche, fa-So..... Provo
Jones, Carl Daniels, c-F.....
..... Malad, Idaho
Jones, Dorotha J., ss..... Provo
Jones, Ellen Susann, e-S.....
..... Sanford, Colorado
Jones, Etta, ss..... Provo
Jones, Hyrum Pidding, ss.....
..... Spanish Fork
Jones, Jay Petty, a-So..... Provo
Jones, Josephine, ss.....
..... Colonia Dublin, Chih., Mex.
Jones, Katherine Creighton, a-Sp.....
..... Eureka
Jones, Keith Clifford, ap-F..... Blanding
Jones, Laurel Delean, ss..... Malad, Ida.
Jones, LaVar a-So..... Byron Wyo.

Johnson, George, a-Unm..... Provo
Johnson, Gwen, fa-So..... Richfield
Johnson, Gwenevere, a-F..... Springville
Johnson, Hal C., ap-Sp..... Ioka
Johnson, Helen, ap-F..... Provo
Johnson, A. Herbert, a-So..... Provo
Johnson, Howard Melvin, ap-So.....
..... Springville
Johnson, Ludvib, Irvin, ap-So..... Provo
Johnson, James Wallace, ss, e-S.....
..... Vernal
Johnson, Jennings Augustus, c-F.....
..... Mesa, Ariz.
Johnson, Jessie May, e-F.....
..... Salt Lake City
Johnson, Lloyd Magnus, ap-So.....
..... Lakeside, Ariz.
Johnson, Lorin LaVar, ap-sp..... Payson
Johnson, J. Mack, a-So..... Benjamin
Johnson, Margaret Elizabeth, ss.....
..... Provo
Johnson, Margaret Evelyn, fa-F.....
..... Huntington, Oregon
Johnson, Mary, fa-F..... Fillmore
Johnson, Minerva, ss..... Springville
Johnson, Neil, a-F..... Payson
Johnson, Nelda Anne, e-S..... Springville
Johnson, Pearl Levell, fa-So..... Payson
Johnson, Ralph Doran, c-Unm..... Provo
Johnson, Ray, c-J..... Leamington
Johnson, Reva Lovina, c-Unm..... Provo
Johnson, Richard Wanlass, a-F..... Lehi
Johnson, Robert Garrett, fa-F.....
..... Mt. Harris, Colo.
Johnson, Robert Lyman, e-F.....
..... Yuba City, Calif.
Johnson, Roland, c-F..... Spanish Fork
Johnson, Ronald, a-F..... Mapleton
Johnson, Rulon H., a-So..... Provo
Johnson, Ruth Amanda, e-J..... Manti
Johnson, Sheldon, a-F..... Huntington
Johnson, J. Van, fa-J..... Cowley, Wyo.
Johnson, Wanda, ss..... Vernal
Johnson, Zina R., ss..... Springville
Jolley, Calvin Barnson, ss, a-S.....
..... Long Beach, Calif.
Jolley, Christine B., c-Sp..... Provo
Jolley, Edith Brown, ss..... Tropic
Jolley, Eileen, c-F..... Provo
Jolley, Joyce, e-F..... Provo
Jolley, Orlando Joseph, a-So..... Provo
Jones, Blanche, fa-So..... Provo
Jones, Carl Daniels, c-F.....
..... Malad, Idaho
Jones, Dorotha J., ss..... Provo
Jones, Ellen Susann, e-S.....
..... Sanford, Colorado
Jones, Etta, ss..... Provo
Jones, Hyrum Pidding, ss.....
..... Spanish Fork
Jones, Jay Petty, a-So..... Provo
Jones, Josephine, ss.....
..... Colonia Dublin, Chih., Mex.
Jones, Katherine Creighton, a-Sp.....
..... Eureka
Jones, Keith Clifford, ap-F..... Blanding
Jones, Laurel Delean, ss..... Malad, Ida.
Jones, LaVar a-So..... Byron Wyo.

- Jones, Lucille Lydia, a-Unm..... Long Beach, Calif.
 Jones, Lucille W., ss..... Provo
 Jones, Martha Kirkham, ss..... Pleasant Grove
 Jones, Maurice Ellis, ss, e-J..... Payson
 Jones, Maxwell Dee, c-F..... Morgan
 Jones, Melba, e-F..... Nephi
 Jones, A. Neldon, fa-F..... Delta
 Jones, Paul Lafayette, e-J..... Mesa, Arizona
 Jones, Pauline Louise, e-F..... Evanston, Wyo.
 Jones, Saxon M., e-J..... Ioka
 Jones, Shadrach Harris, ss, e-Sp..... Provo
 Jones, John Faddies, ss..... Price
 Jones, William Clifford, a-F..... Baldwin, L. I., New York
 Jordan, Mary, fa-F..... Salt Lake City
 Jorgensen, Dorothy, fa-So..... Price
 Jorgensen, Florence Elaine, ss..... Castle Dale
 Jorgensen, Brandt Davis, ss..... Kanab
 Jorgensen, Glade, fa-S..... American Fork
 Jorgensen, Louise Camille, e-J..... Mt. Pleasant
 Jorgensen, Lucile B., ss..... Price
 Jorgensen, Myle Everett, e-Sp..... Richfield
 Jorgensen, Virgil, a-Unm..... American Fork
 Joseph, Kenneth Marsden, a-So..... Parowan
 Josie, Chas., e-Sp..... Provo
 Judd, Arthur Craner, ss..... Burley, Idaho
 Judkins, Leonard Newell, ss..... Burley, Idaho
 Kapple, Betty Lou, e-So..... Payson
 Kartchner, Mary M. Smith, e-S..... Provo
 Kartchner, Ray W., ss..... Provo
 Kearl, Wayne, a-J..... Cardston, Alta., Canada
 Kearney, Kenneth J., c-F..... Lehi
 Keele, Vern Warner, a-J..... Spanish Fork
 Keeler, Joseph J., ss, fa-J..... Provo
 Keeler, Virginia B., ss..... Provo
 Keller, Vivian, fa-F..... Manti
 Keeley, Myrtle, ss..... Iowa City, Iowa
 Keetch, Fred A., ap-F..... Lehi
 Keeley, Bernice, ss, fa-J..... Shelley, Idaho
 Kelly, Bruce, e-So..... Las Vegas, Nev.
 Kelly, Cornelia Christina, ss, a-J..... St. Anthony, Idaho
 Kelley, Irving Berry, a-S..... West Harwich, Mass.
 Kelsch, Karl, a-F..... Provo
 Kempton, Howard William, e-J..... Payson
 Kendell, Edith Elizabeth, ss..... Salt Lake City
 Kendell, Mirna Bell, ss..... Salt Lake City
 Kennard, Leonidas Hamlin, a-J..... Logan
 Kennedy, Otto Reay, c-S..... Randolph
 Kesler, June Harriette, a-J..... Provo
 Kersiek, Erma, ss..... Mt. Emmons
 Kersiek, Walter Kastner, ss..... Mt. Emmons
 Killian, Marjorie, e-F..... Salem
 Killpack, Marjorie, e-S..... Idaho Falls, Idaho
 Killpack, Reece Alexander, c-Sa..... Ferron
 Killpack, Val Lewis, a-F..... Provo
 Kimball, Barbara Annette, c-Unm..... San Pedro, Calif.
 Kimball, Griffith Roberts, G..... Provo
 Kimball, A. Noble, ss..... Parowan
 Kimball, C. Rodney, ss, a-Sp..... Provo
 Kimball, Edwin Roberts, ss..... Provo
 Kimball, S. Heber, e-J..... Vernal
 Kimball, LeNeve M., ss, ap-Sp..... Provo
 Kimball, Thomas Lloyd, ap-S..... Phoenix, Ariz.
 Kimber, Afton H., e-So..... Provo
 King, Alma W., ss..... Garland
 King, Dwight Lyman, c-S..... Provo
 King, Ethel, e-J..... Escalante
 King, Rhoda, a-F..... Provo
 Kirk, Erva, a-So..... Pleasant Grove
 Kirk, Helen Lee, ap-F..... Mohrland
 Kirk, Ruth Elaine, e-F..... Milford
 Kirkham, Bessie J., ss, G..... Provo
 Kirkham, Mary, e-J..... Provo
 Kirkham, Ned, c-J..... Salt Lake City
 Kirkman, Virginia Mary, c-F..... Santaquin
 Kirkwood, Clarence R., a-F..... Provo
 Kirkwood, Kay Bliss, c-F..... Provo
 Kirwan, Joseph Ted, e-F..... Blackfoot, Idaho
 Kloth, William James, c-J..... Huntington Park, Calif.
 Klug, Robert John, e-F..... Merrill, Wis.
 Knaphus, Loyd Morten, c-So..... Richfield
 Knaphus, Ned Donald, c-F..... Richfield
 Knight, Elaine, a-F..... Salt Lake City
 Knight, Milton R., e-So..... Hinckley
 Knight, Evelyn McBride, ss..... Provo
 Knight, Hattie Madson, ss..... Blackfoot, Idaho
 Knight, Vilnah Goldsbrough, ss..... Mona
 Knowles, Reva Myler, e-J..... Ogden
 Knowlton, Bryant Sutton, ss..... Grantsville
 Knowlton, Sarah, ss, e-F..... Holladay
 Knudsen, Beth Leone, ss..... Provo
 Knudsen, Donna, e-So..... Provo
 Knudsen, Ernest E., ss..... Spanish Fork
 Knudsen, Eudora, ap-S..... Lehi
 Knudsen, Hilda L., ss..... Provo
 Knudsen, Milton Herman, ss..... Lehi
 Knudsen, Moyle, e-S..... Portage
 Knudsen, A. Russell, a-So..... Lehi
 Kocherhans, Ivan Croft, a-Unm..... Orem
 Kotter, Phil Earl, c-J..... Elsinore
 Koyle, Vee J., ap-F..... Salem

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|---------------------------------|----------------------------|
| Krebs, Elorn, ap-F | Myton |
| Kreisman, Arthur, a-So | Roxbury, Mass. |
| Krueger, Grace Price, ss | Spanish Fork |
| Kump, LaVar, ss | Provo |
| Labrum, Mavis, ap-F | Murray |
| Lake, Boyd Carroll, fa-So | Oakley |
| Lake, George M., a-F | El Segundo, Calif. |
| Laker, Willard E., ss | Price |
| Lamb, Clorene, c-Sp | Provo |
| Lambert, Carlyle B., G | Provo |
| Lambert, Carroll W., a-F | Kamas |
| Lambert, Florence Ballif, ss | Provo |
| Lambert, Geraldine Clark, c-F | San Francisco, Calif. |
| Lambert, Maurice C., a-S | Provo |
| Lambert, Reed Maurice, ap-F | Fillmore |
| Lambert, Theron, G | Provo |
| Lambert, Verl Johansen, fa-Sp | Provo |
| Lamcreaux, Leland, e-J | St. George |
| Lamph, Max D., c-J | Coalville |
| Landward, John, ss, e-J | Salt Lake City |
| Laney, Bess, ap-F | Kamas |
| Laney, Russell Judd, a-F | Springville |
| Laney, Theon, a-So | Springville |
| Larsen, Andrew Karl, ss | Hurricane |
| Larsen, Alice Myrup, e-J | Bountiful |
| Larsen, Arvid D., ss | Cleveland |
| Larsen, Boyd Joseph, a-So | Lehi |
| Larsen, Clarice V., e-F | Lehi |
| Larsen, Clinton, ss | Salt Lake City |
| Larsen, Don, c-J | Spanish Fork |
| Larsen, Don Hyrum, a-J | Provo |
| Larsen, Elwood A., e-J | Cleveland |
| Larsen, Geneva Day, ss | Provo |
| Larsen, George Adelbert, ss | Ogden |
| Larsen, Henry August, e-J | Ferron |
| Larsen, Ilene, e-J | Cleveland |
| Larsen, Jean, c-Sp | Provo |
| Larsen, J. LaMar, a-J | Gunnison |
| Larsen, Lyle Jay, n-Unm. | Whiterocks |
| Larsen, Mary Kathleen, e-So | Provo |
| Larsen, Max Walter, fa-So, ss | Monroe |
| Larsen, Norma, e-J | Elko, Nevada |
| Larsen, Preston, ss | St. George |
| Larsen, Rex Bent, ss | Provo |
| Larsen, Sena, e-J | Mayfield |
| Larsen, Sterling Conrad, ss | Ririe, Idaho |
| Larsen, Harold Woodrow, a-J | Ashton, Idaho |
| Law, Glen Arthur, fa-So | Springville |
| Lawlor, Francis Earl, ss, a-J | Picture Butte, Alta., Can. |
| Laws, Wilford Derby, a-S | Blanding |
| Laws, Elroy D., c-So | Provo |
| Laws, L. Kenneth, c-So | Provo |
| Lay, Beth, e-F | Richfield |
| Laycock, Harold R., G | Provo |
| Laycock, Merne, c-So | Lethbridge, Alta., Canada |
| Laycock, Ralph George, fa-So | Lethbridge, Alta., Canada |
| Layton, Iwa, ss | Kaysville |
| Layton, Lucile H., e-J | Layton |
| Leak, Irene, e-So | Midvale |
| Leatham, Chester, c-F | Rexburg, Ida. |
| Leatherbury, Jack Boley, a-J | Eureka |
| Leavitt, Hafen W., ap-J | Mesquite, Nevada |
| Leavitt, Max Vivian, c-F | Las Vegas, Nevada |
| Leavitt, Narvel Joseph, a-J | St. George |
| LeBaron, Arthur Bentley, c-J | Barnwell, Alta., Canada |
| LeBeau, Ivan V., ap-Unm. | Roosevelt |
| LeBeau, LaVar Ina, e-J | Roosevelt |
| Lee, Bette, a-F | Springille |
| Lee, Harold H., ss, G | Cardston, Alta., Canada |
| Lee, Lawrence, ss | Montpelier, Idaho |
| Lee, Lorine, ss, a-Sp | Provo |
| Lee, Virginia Fay, ss | Provo |
| Lee, Wilford D., G | Provo |
| Leek, Phyllis Irene, fa-F | Fairfield, Idaho |
| LeFevre, Reginald, e-So | Midvale |
| Lefler, J. Ross, ss | Kamas |
| Leishman, Phyllis, ss | Salt Lake City |
| Lemon, Karl Alvin, ss, a-So | Ioka |
| Lemon, Paul B., a-F | Myton |
| Leonard, W. Drew, c-S | Huntington |
| Leonard, E. Guy, ss, a-Sp | Huntington |
| Leonard, Woodrow Hugh, a-Sp | Huntington |
| Leonard, Ferris, c-F | Huntington |
| Leonard, Foster, c-So | Huntington |
| Leonard, William Ray, fa-F | Portland, Oregon |
| LeRoy, Mary, ss | Springville |
| Lessing, Barbara Rae, ap-So | Beaver |
| LeSueur, Waldo Y., ss, G | Mesa, Arizona |
| Letham, Dan J., e-J | Tetonia, Ida. |
| Levedahl, Blaine Hess, a-So | Ogden |
| Levi, Milbert H., ss | American Falls, Idaho |
| Lewis, Ben Elden, c-J | Salt Lake City |
| Lewis, Bernell Harold, ss | Spanish Fork |
| Lewis, Gail, ap-Unm. | Mesa, Ariz. |
| Lewis, George Lowell, fa-So | Preston, Idaho |
| Lewis, Joy D., c-F | Kamas |
| Lewis, H. LeGrande, a-S | Provo |
| Lewis, Lorean, ss, e-S | Overton, Nev. |
| Lewis, Maxine, c-F | Midway |
| Lewis, Murray Roy, ss | Draper |
| Liddiard, James LaVar, c-F | Nephi |
| Liddiard, Preston, ap-F | Provo |
| Liechty, Carrol Brigham, a-So | Springville |
| Liechty, Grace Sarah, e-F | Provo |
| Liechty, Louise, e-J | Provo |
| Liechty, Wm. Reinwald, ss, a-So | Provo |
| Lillywhite, Beth, c-Unm | Phoenix, Arizona |
| Lillywhite, John D., ss | Brigham City |

- Lillywhite, John Philip, ss
 Brigham City
 Lindell, Molly C., ss Sandy
 Lindley, Carl A., fa-J Provo
 Lindsay, Aeva, e-J Heber
 Lindsay, James Charles, a-F
 Mapleton
 Lindsay, Vilate, e-F Heber
 Lisonbee, Lela P., e-Sp
 Salt Lake City
 Livingston, Faun, ss Provo
 Livingston, Ivy LaRee, c-F
 Spanish Fork
 Llewellyn, Katherine Maudier, ap-So
 Lethbridge, Alta., Canada
 Lloyd, Vaughn L., G Riverton
 Logies, Beatrice, ss Salt Lake City
 Long, Jesse Ernest, a-F Provo
 Loutensock, Hyrum William, Jr., a-F
 Payson
 Love, Raymond Newell, c-S Provo
 Loveday, Lamont Welker, e-F
 Montpelier, Idaho
 Loveland, LeVeré M., e-S Rupert, Ida.
 Loveless, Helen, fa- Bingham
 Loveless, V. Maxine, c-Unm Provo
 Lovell, LaForge A., c-J Leamington
 Loveridge Richard Leroy, c-S
 Springville
 Loving, Ella Wanda, e-F
 Douglas, Arizona
 Lowe, Alice Amelia, fa-J
 Salmon, Ida.
 Lowe, Thora, ap-F Parowan
 Lowry, Rulon Wood, ss, e-S
 Taylorville, Alta., Canada
 Lublin, Reda, a-F Roosevelt
 Ludlow, Bert Jones, c-J Spanish Fork
 Ludlow, Lavinia, e-S Spanish Fork
 Lunceford, Clyde Martin, ap-So Provo
 Lund, Lela Orpha, e-J St. George
 Lund, Merna, e-So St. George
 Lund, Vernon, c-So Mt. Pleasant
 Lundell, Russell T., a-F Benjamin
 Lundquist, Stephen Junior, ss, G
 Provo
 Lunt, Olan Arnold, e-J Duncan, Ariz.
 Lusty, Lois Elizabeth, ap-F Duchesne
 Lybbert, Lois, e-F Vernal
 Lyman, Willis J., ss Rexburg, Ida.
 Lyon, Kenneth Eugene, a-F
 Hastings, Nebraska
 Lyon, William Jennings, a-Sp
 Hastings, Nebraska
 Mabey, Sarah, c-So Bountiful
 Macdonald, Margaret, a-F
 Flushing, New York
 Macfarlane, Geraldine, fa-So
 Pleasant Grove
 Mackay, LeVelle, ap-So Murray
 Macfarlane, Herbert Adams, ss
 Ogden
 Mackey, Eldon S., a-F Mapleton
 Madsen, Beth, ss Manti
 Madsen, Beulah Verena, fa-So
 Riverton
 Madsen, Bud Ledren, a-F Provo
 Madsen, Eardley B., ss, sp Manti
 Madsen, Evan Andrew, ss
 Thatcher, Arizona
 Madsen, Evelynne Della, e-F Manti
 Madsen, Gladys, ap-F Provo
 Madsen, Harold, ap-So Provo
 Madsen, Marion, ap-So Manti
 Madsen, Myron A., ap-F Boneta
 Madsen, Parley William, a-So Provo
 Madsen, Russell J., e-S Provo
 Madsen, Ted Eugene, c-So Fairview
 Maeser, Zora, a-J Logan
 Magleby, Ward H., ss Monroe
 Mangum, Jennie K., fa-So Provo
 Mangum, Wm. Lester, c-Sp Provo
 Manning, Rose, ss Ogden
 Manwaring, Arthur, ss Vernal
 Manwaring, Everett A., ap-So Vernal
 Manwaring, Mary Hullinger, ss
 Vernal
 Marchant, Alonzo Jay, ap-F Peoa
 Marchant, Hazel, ss Peoa
 Marchant, Moroni A., G Peoa
 Marchant, G. Reed, ss Peoa
 Markham, Ben S., G Spanish Fork
 Markham, Beth, c-F Spanish Fork
 Markham, Lynn Carlos, G
 Spanish Fork
 Marriott, Helen Rosemarie Ogden
 Marshall, Ben J., c-Unm Provo
 Marshall, John Taylor, ss, a-F Provo
 Marshall, Mildred, e-So Panguitch
 Marshall, Vivian Marie, a-F
 Calgary, Alta., Canada
 Martell, Wanda Louise, ap-So
 Ft. Pierce, Fla.
 Martin, Arvella, e-F Spanish Fork
 Martin, Joseph Eddy, a-S Menan, Ida.
 Martin, Flora Helen, ap-J
 Ronan, Montana
 Mason, Lorraine, e-So Eurora
 Massey, Winona B., e-F Jensen
 Mathews, Kate, ss Provo
 Mathews, Loa Clair, fa-J
 Pocatello, Idaho
 Mathews, Sybil LaRue, fa-J
 Pocatello, Idaho
 Mathis, Leslie Albert, a-So Price
 Mathis, Max Dilworth, a-So Price
 Matkin, Grant, a-So
 Cardston, Alta. Canada
 Matley, Eleanor, ss Spanish Fork
 Matson, Rex C., c-F Mt. Pleasant
 Maughan, Catherine, ss Logan
 Maughan, Vivian, ss, e-Sp Ogden
 Mavraki, Sam, e-F Sheridan, Wyo.
 Maxwell, B. Alva, ss Circleville
 Maxwell, Lin V., ss Eager, Ariz.
 Maxwell, M. Eldridge, ss Eager, Ariz.
 Maxwell, Virginia Louise, e-F Peoa
 May, R. Golden, ss, G American Fork
 Mayer, Charlotte Louise, ap-S
 Manderson, Wyo.
 Maynard, Kenneth Henry, e-So
 Riverton
 Mayne, Steven Lynn, a-F
 American Fork
 McAfee, Boyd Harmon, e-J Provo
 McAfee, Don B., a-So Provo

- McAllister, Dorothy, ss, ap-S Spanish Fork
 McAllister, Eleanor, c-Sp American Fork
 McAllister, Ellis Savage, ss St. George
 McBeth, Max, c-F Payson
 McBride, Max Elliott, a-F Grantsville
 McBride, Nellie Mae, fa-F Twin Falls, Idaho
 McCaffery, Virginia Manchester, fa-Sp Provo
 McClellan, Edwin Lewis, ss Colonia Juarez, Chih., Mex.
 McClenahan, Owen Clyde, a-J Castle Dale
 McCleve, Myrna Irene, a-So Holbrook, Ariz.
 McConkie, Don L., ss, G Vernal
 McConkie, Ruth, ap-So Moab
 McDonald, Ernestine Edna, ss Provo
 McDougal, Delmar Westley, ap-F Campbellport, Wis.
 McFarland, John Wells, a-F Ogden
 McFarlane Mary Malindo, e-So Cleveland
 McGuaghey, Marvin Lee, a-F Chandler, Ariz.
 McGhie, Frank Wagstaff, ss Murray
 McGregor, Mary G St. George
 McGuire, Dorothy, e-S Provo
 McIntire, Junius M., ss, a-J Provo
 McIntire, Wayne Franklin, G Provo
 McIntosh, Edwin J., ap-Unm Mt. Pleasant
 McKay, Donald Shorten, fa-S Ogden
 McKee, Lynne Curtis, a-So Vernal
 McKee, Reed Harvey, ap-Unm Tridell
 McKell, Loa Creer, a-F Spanish Fork
 McKell, Mark Allen, c-J Spanish Fork
 McKell, William E., fa-F Payson
 McKinney, Helen, e-F American Fork
 McKnight, James, c-So Moreland, Idaho
 McKnight, Kent Howell, a-F Moreland, Idaho
 McKnight, Neil H., G. Moreland, Ida. McTeese, Bill Arnold, e-So Salt Lake City
 McMullin, Carolyn, a-J Payson
 McMullin, DeLoy, c-S Midvale
 McMurrin, Natalie Cotterel, ss Richfield
 McMurrin, Sterling Moss, ss Richfield
 McNeill, Affra, e-So American Fork
 McOmie, Clara P., e-S Lark
 McPhie, Hazel M., ss, e-S Spring Canyon
 McPhee, Lola Faye, ss Calgary, Alberta, Can.
 McPhee, Rowene Margaret ss Calgary, Alberta, Can.
 Mecham, Dee S., c-So Wallsburg
 Mecham, Lorna, a-J Provo
 Meeks, Gladys, c-J Bicknell
 Meeks, Margaret, ap-J Bicknell
 Meiling, Virginia, fa-S Lehi
 Meldrum, Gloria Janet, Ffa- Flushing, New York
 Meldrum, Kathryn, fa-J Flushing, New York
 Meldrum, Lloyd Eugene, ap-So Magrath, Alberta, Canada
 Mellor, Merrill Paul, pa-So Fayette
 Memmott, Beulah, ss Provo
 Memmott, LaPrele, c-S Provo
 Mendenhall, Beth, a-F Springville
 Mendenhall, Dean, c-So Provo
 Mendenhall, Keith Seymour, ap-F Springville
 Mendenhall, Max D., fa-J Provo
 Meng, Curt, c-S Rexburg, Idaho
 Menzies, Lois, a-F Provo
 Mercer, John Winston, a-F Oakley, Idaho
 Merrill, Alton D., e-S Provo
 Merrill, Betty Jane Takoma Park, Maryland
 Merrill, Edna J., ss, a-Sp Provo
 Merrill, Eliza D., fa-Sp Provo
 Merrill, Edythe Allegra, e-S Hill Spring, Alberta, Can.
 Merrill, Harriet, e-S Smithfield
 Merrill, Keith Whaley, a-F San Francisco, Calif.
 Merrill, Marjorie, e-J Richmond
 Merrill, Paul J., a-S Provo
 Merrill, Ruby, e-So, ss Provo
 Merrill, Russell Glen, a-J Payson
 Merrill, Vinton Miller, ss Preston, Idaho
 Merrill, Virginia, ss Preston, Idaho
 Metcalf, David Elliott, a-F Tacoma, Washington
 Michelsen, Gail, e-S Draper
 Michaelson, Lydia Vilate, ss Afton, Wyoming
 Mickelsen, Lorin P., ss Idaho Falls, Idaho
 Migliaccio, Ralph, fa-Sp Springville
 Mildenhall, Ruthe, a-Sp Provo
 Miles, Paul, a-Sp Ioka
 Miller, A. Woodruff, G St. Anthony, Idaho
 Miller, Betty, fa-So Hyrum
 Miller, Bonnie Gene, a-F Vernal
 Miller, W. Delmer, e-J Claresholm, Alberta, Canada
 Miller, Keith D., c-F American Fork
 Miller, Lowell S., a-J Provo
 Miller, Ruth Diana, ss, a-F Provo
 Miller, Vivienne, ss, fa-S Basin, Wyoming
 Milligan, Margaret Ruth, fa-F Clayton, New Mex.
 Millet, C. Wayne, ss Kaysville
 Mills, Mary, e-F Pleasant Grove

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| Mills, Ray Joseph, fa-J..... | Pleasant Grove |
| Milner, Leon Ross, a-F..... | Provo |
| Milner, Ruby Jeanne, ap-J..... | Price |
| Miner, Carl, a-F..... | Salem |
| Miner, Delbert Lamar, G..... | Fairview |
| Miner, Ina, a-Unm..... | Springville |
| Miner, Leah, e-So..... | Fairview |
| Miner, Thais, c-So..... | Provo |
| Mitchell, David Richard, ss..... | Lehi |
| Mitchell, Gordon C., e-F..... | Provo |
| Mitchell, James Maeser, a-F..... | Provo |
| Mitchell, Katharine, e-S..... | Provo |
| Mitchell, Robert Brown, a-J..... | Parowan |
| Mitchell, Vaunda, e-Unm..... | Provo |
| Mitchell, Wayne Elma, fa-F..... | Duchesne |
| Modeen, Lucille, ap-F..... | Gunnison |
| Moench, Caestia, fa-F..... | Maywood, Illinois |
| Moffitt, Jane, c-S..... | Castle Dale |
| Moffitt, Maurine, fa-F..... | Provo |
| Moffitt, Mayna, a-So..... | Provo |
| Monk, Myrtle B., ss..... | Spanish Fork |
| Monroe, Shirley Archie, c-F..... | Great Falls, Montana |
| Monson, Bardell, c-J..... | Pleasant Grove |
| Montgomery, Elaine, e-J..... | Heber |
| Montgomery, Ruth Elizabeth, e-F..... | Ogden |
| Montgomery, Victor Ray, ap-So..... | Provo |
| Moody, Madge, a-F..... | Milford |
| Moody, Inez, ss..... | Delta |
| Moody, Milton, ss..... | Delta |
| Moody, Virginia, a-F..... | Delta |
| Moody, Virginia F., e-Sp..... | Spanish Fork |
| Moon, Elmer Ray, ap-Unm..... | Hanna |
| Moon, Marjorie, ss..... | Hanna |
| Moon, Phillip, a-F..... | Hanna |
| Moore, Eleanor, ap-S..... | Spanish Fork |
| Moore, Mabel M., ss..... | Smithfield |
| Moore, Samuel D., ss..... | Smithfield |
| Moore, Vernon Smith, ss..... | Provo |
| Moore, Walter Harvey, G..... | Spanish Fork |
| Moore, John Hayes, c-F..... | Spanish Fork |
| Moore, Mary, c-F..... | Montclair, New Jersey |
| Moore, Ray Hill, a-F..... | Payson |
| Moorefield, Robert Sutton, c-So..... | Provo |
| Moran, Tim, c-F..... | Spanish Fork |
| Morgan, Margaret E., ss..... | Salt Lake City |
| Morley, Lillian, ss..... | Point Richmond, Calif. |
| Morrill, Florence Ella, ss..... | Junction |
| Morrill, Horace LeRoy, e-So..... | Tridell |
| Morrill, Junius Glenn, ss..... | Monroe |
| Morrill, Katherine, fa-J..... | Ogden |
| Morrill, Lynne, e-F..... | Tridell |
| Morrill, Olive Lemon, ss..... | Monroe |
| Morris, Margaret Call, ss..... | Salt Lake City |
| Mortensen, Alice, c-F..... | Provo |
| Mortensen, Ivan Chris, e-S..... | Riverton |
| Mortensen, Muriel Mae, ap-Eo..... | Cleveland |
| Mortensen, Virginia, e-J..... | Parowan |
| Morton, Beatrice Kerr, G..... | Provo |
| Morton, Leora, ap-F..... | Provo |
| Moss, Delpha Gaell, a-F..... | Salt Lake City |
| Moss, James E., ss..... | Salt Lake City |
| Moss, James Wayne, ss..... | Ogden |
| Moss, Wanda, ap-J..... | Iona, Idaho |
| Moss, Wardell Horman, a-S..... | Iona, Idaho |
| Mousley, Ella, ss, e-Sp..... | Riverton |
| Mower, Ila, c-F..... | Fairview |
| Mower, John, ss..... | Provo |
| Mower, Lucille, e-F..... | Provo |
| Mower, Marvin LaVern, fa-So..... | Fairview |
| Moyes, LaVerne Elizabeth, e-J..... | Ogden |
| Muceus, Henry Stebbins, fa-S..... | Ames, Iowa |
| Munk, Carol, ss, e-J..... | Manti |
| Munk, Dorothy Elizabeth, ap-F..... | Tremonton |
| Munson, Pratt Morrill, a-F..... | Escalante |
| Munson, Voyle L., a-S..... | Escalante |
| Murdock, Charlie, ss..... | Beaver |
| Mudock, Elroy, ss..... | Provo |
| Murdock, Ervin Beck, fa-F..... | Beaver |
| Murdock, Elaine, e-So..... | Blackfoot, Idaho |
| Murry, Mark Hannah, c-S..... | Las Vegas, Nevada |
| Murray, Dave Jr., c-F..... | Logan |
| Musser, Bertha B., ss..... | Salt Lake City |
| Myers, Ethelyn May, ss, c-J..... | Provo |
| Myers, Thomas Gay, a-F..... | Las Vegas, Nevada |
| Myrup, Edna, a-So..... | Bountiful |
| Naegle, Mary G., ss, e-Sp..... | St. George |
| Nance, LuDema, G..... | Idaho Falls, Ida. |
| Nance, Stephen Marion, a-F..... | Kaysville |
| Nash, Edith, fa-Sp..... | Springville |
| Nash, June, e-So..... | Provo |
| Nash, Marie, fa-F..... | Salt Lake City |
| Neckes, Albert, a-So..... | Wilford, Massachusetts |
| Needham, Catherine, c-F..... | Provo |
| Nelson, Bernice, c-o..... | Springville |
| Nelson, Blanche, ss..... | Provo |
| Nelson, Charlotte Jamineena, fa-S..... | Taylor, Ariz. |
| Nelson, Chloe, ap-F..... | Ferron |
| Nelson, Clifford, ss..... | Provo |
| Nelson, Eliza, ss..... | Provo |
| Nelson, F. DelMar, ap-S..... | Pleasant Grove |
| Nelson, Earl Worthen, a-S..... | Rexburg, Idaho |
| Nelson, Frank R., ap-F..... | Draper |
| Nelson, Gladys s., ss..... | Malad, Idaho |
| Nelson, Joyce, e-F..... | Provo |
| Nelson, Loraine Sandgren, c-So..... | Provo |
| Nelson, LeGrand L., c-J..... | Provo |
| Nelson, Loa, a-F..... | Spanish Fork |
| Nelson, Mary, c-F..... | Mt. Pleasant |

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| Nelson, Max, fa-F | Payson |
| Nelson, Milton A, ss | Provo |
| Nelson, Paul R., a-So | Morgan |
| Nelson, Ray Conder, a-J | American Fork |
| Nelson, Ray J., ss | Logan |
| Nelson, Roscoe Maughan, a-S | Logan |
| Nelson, Robert Arthur, ss | Spanish Fork |
| Nelson, Sterling LaRelle, G | Rexburg, Idaho |
| Nelson, Willard Call, a-J | Provo |
| Nelson, Winifred Jo., e-J | Ferron |
| Neumann, Alina Naomi, ss | Hebron, North Dakota |
| Neves, Vera M., e-So | Burlington, Wyo. |
| Newell, Jane A., e-J | Provo |
| Newell, Donna, ss | Mona |
| Newell, Rulon Day, ss | Elsinore |
| Newell, Wm. Lynn, a-S | Provo |
| Newey, Ernest Newton, G | Ogden |
| Newren, Alfred Leon, a-So | Provo |
| Newren, Beverly Jean, e-F | Provo |
| Newton, Beth, c-F | Monroe |
| Newton, Sammy Nathan, e-J | Monroe |
| Nicholes, Max Maiben, ss, ap-S | Provo |
| Nichols, Maxine, ss | Rexburg Idaho |
| Nichols, Robert E., ap-F | Salt Lake City |
| Nichols, Olive Maiben, ss | Provo |
| Nicholes, Ruth, ss, e-F | Provo |
| Nickerson, Sarah, fa-S | Grantsville |
| Nicol, Dixie May, e-F | New Orleans, La. |
| Nielsen, Alfred Christian, ss a-Sp | Salt Lake City |
| Nielson, Alta Lorraine, c-So | Salt Lake City |
| Nielson, Averil B., G | Dayton, Wash |
| Nielson, Goldie, e-J | Mt. Pleasant |
| Nielsen, Earl LaMar, ss | Provo |
| Nielsen, Emil Keith, ss | Provo |
| Nielson, Faughn, ss | Price |
| Nielsen, Harold Kalmar, a-F | Provo |
| Nielsen, Ida, e-F | American Fork |
| Nielsen, James Emeal, a-J | Salina |
| Nielsen, James Wilson, a-Sp | Midvale |
| Nielson, Jay, e-F | Mapleton |
| Nielsen, Jean, e-J | Hyrum |
| Nielsen, Joyce, ap-F | Hyrum |
| Nielsen, Kenneth Niels, e-F | Riverton |
| Nielson, LaNeeda Sara, a-F | Marysville |
| Nielsen, LaRee, a-J | Hyrum |
| Nielsen, Martha, c-So | Hyrum |
| Nielson, Mary Laurene, a-F | Spanish Fork |
| Nielson, McKay, a-S | Washington |
| Nielsen, Olive Marie | Spanish Fork |
| Nielsen, R. Lamont, ss | Roosevelt |
| Nielsen, Richard Lee, c-So | Salina |
| Nielsen, Ross, e-So | Fairview |
| Nielson, Ross Taylor, c-J | Richfield |
| Nielson, Ruby Elvera, a-Sp | Gunnison |
| Nielson, Russell William, a-F | Pleasant Grove |
| Nielsen, Soren J., ap-F | Riverton |
| Nielsen, Violet Eleanor, ap-F | Spanish Fork |
| Nielsen, Wayne J., a-So | Shelley, Idaho |
| Nilsson, Lynn Ransom, a-So | American Fork |
| Nisson, Antone W., ss | G. Washington |
| Nisson, Willard Orlando, ss | Washington |
| Nixon, Floyd George, a-F | Moore, Idaho |
| Nixon, Grace Lea, e-So | Provo |
| Nordgren, Quentin Richards, fa-F | Monroe |
| Norton, Ray Alonzo, a-J | Murray |
| Nosack, Franklin Keith, fa-J | Riverton |
| Nuttall, Oralee P., a-Sp | Provo |
| Nuttall, Winifred Randall, a-Sp | Twin Falls, Idaho |
| Oakden, Kathryn, e-F | Beaver |
| Oaks, Eunice, c-J | Vernal |
| Oaks, Iris, a-Sp | Vernal |
| Oberhansly, Jack R., c-F | Spanish Fork |
| Oberhansly, Phyllis D., ba-Sp | Whiterocks |
| Ogden, Max, a-So | Provo |
| Oldham, Fern, e-So | Mt. Pleasant |
| Oldroyd, Jay W., a-J | Venice |
| Oldroyd, Milan Todd, e-J | Glenwood |
| Oldroy, Una, e-So | Venice |
| Olson, Boyd, E., a-So | Fairview |
| Oleson, John Forest, ss | Payson |
| Olsen, C. J., ap-Sp | Ogden |
| Olson, Crista, ss | Payson |
| Olsen, Dean L., ap-So | Provo |
| Oleson, Deon H., ap-So | Payson |
| Olsen, Earl C., c-F | Spanish Fork |
| Olsen, Edith, a-F | Salt Lake City |
| Olsen, Eldred C., c-F | Provo |
| Olsen, Enid Faye, ap-F | Fayette |
| Olson, Ethella, fa-F | Provo |
| Olson, Gail, ap-F | Emery |
| Olson, C. Garth, G | Payson |
| Olsen, Geraldine, c-So | Provo |
| Olsen, Harry A., c-So | Magna |
| Olsen, Iva Edith, e-F | Fayette |
| Olsen, Jay Allred, c-S | Provo |
| Olsen, J. Lee, c-J | Salt Lake City |
| Olsen, Joseph William, ss | Springville |
| Olsen, Joseph Wm., ap-So | Springville |
| Olsen, H. Lowell, G | Provo |
| Olsen, Lee M., ss | Midvale |
| Olsen, Marion J., ss, G | Provo |
| Olsen, Matthias Cowley, a-F | Springville |
| Olsen, Ralph Reed, c-Unm | Provo |
| Olson, Reed Gardner, c | Midvale |
| Olson, Rees, fa-So | Payson |
| Olson, Robert James, a-J | Ephraim |
| Olsen, Velma, e-F | Provo |
| Orchard, Merle P., a-F | Twin Falls, Idaho |

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| Orser, W. Dee, c-So..... | Roosevelt |
| Ossmen, Elvin H., c-F..... | Rigby, Idaho |
| Ostler, Fern, a-So..... | Springville |
| Ostlund, Raymond Eugene, c-So..... | |
| ..... | Lethbridge, Alta., Canada |
| Oswald, Dale LeRoy, c-J..... | |
| ..... | Idaho Falls, Idaho |
| Oswald, Delbert Leo, G. Lamar, Colo. | |
| Outzen, Clair, a-So..... | Marysville |
| Overby, Albin Adolph, a-F..... | |
| ..... | Lead, South Dakota |
| Overly, Don Cornell, e-So..... | Provo |
| Overly, Lazelle Howard, e-F..... | Provo |
| Oveson, Melvin Jarvis, a-F..... | |
| ..... | St. Johns, Ariz. |
| Oveson, Moroni J., ss..... | Ferron |
| Owen, Frank, c-So..... | Kenilworth |
| Pace, Clarence E., e-J..... | Coalville |
| Pace, Kathryn, ap-J..... | Provo |
| Pacheco, Bennie, a-Unm..... | |
| ..... | Grand Junction, Colo. |
| Pacheco, Manuel John, a-So..... | |
| ..... | Grand Junction, Colo. |
| Pack, A. Boyd, ap-J..... | Kamas |
| Packard, Hannah C., G..... | Provo |
| Packard, Jane, ss, fa-S..... | Provo |
| Page, Florence, a-So..... | Payson |
| Page, Mildred, ap-J..... | Payson |
| Page, Theral, e-F..... | Goshen |
| Palfreyman, Lucille, a-F..... | Provo |
| Palmer, Maydell Camille, ap-So..... | |
| ..... | Lethbridge, Alta., Ca. |
| Pardoe, Kathryn, ss..... | Provo |
| Pardoe, William Edward, c-S..... | Provo |
| Park, Beth, c-F..... | Provo |
| Parke, June, c-F..... | Kamas |
| Park, Naomi Lenore, fa-F..... | Provo |
| Park, Richard Dean, c-F..... | Orem |
| Parker, Alice, ss..... | American Fork |
| Parker, Mary, ss..... | Draper |
| Parker, Olive, e-F..... | Draper |
| Parker, Sarah Alice, ss..... | |
| ..... | American Fork |
| Parkin, Wayne Carlos, ap-So..... | |
| ..... | Basin, Wyoming |
| Parkinson, Albert Monson, c-J..... | |
| ..... | Franklin, Idaho |
| Parkinson, Ted J., e-J..... | Rexburg, Ida. |
| Parr, Don James, c-F..... | Midvale |
| Parrish, Chloe, ss, e-J..... | Farmington |
| Parrish, Mary, ss, e-S..... | Petersen |
| Parrish, Wilma, ss..... | Myton |
| Parry, Florence, e-F..... | Salt Lake City |
| Parry, Grant, a-F..... | Washakie |
| Parry, Marcus Morgan, a-F..... | Portage |
| Parry, Mildred, a-F..... | Springville |
| Partridge, Francis Marion, ss..... | |
| ..... | Salt Lake City |
| Passey, Edward John, ss..... | Logan |
| Passey, Margaret June, a-F..... | Provo |
| Patten, Frank Earnest, ss..... | Elberta |
| Patten, Lillian B., ap-F..... | Payson |
| Patterson, Peggy, e-So..... | Spanish Fork |
| Paul, Ardelle, e-S..... | Rexburg, Idaho |
| Paulson, Marjorie, ap-F..... | |
| ..... | Salt Lake City |
| Paxman, Annie, fa-Sp..... | Provo |
| Paxman, Monroe Junior, a-So..... | Provo |
| Payne, Albert Lynn, ss, a-S..... | Provo |
| Payne, Edith, fa-F..... | Provo |
| Payne, Owen Raynal, ap-F..... | |
| ..... | El Paso, Texas |
| Payne, Sylvia Young, ap-Sp..... | Provo |
| Peacock, June, c-J..... | Sterling |
| Pearson, Daryl Howard, c-J..... | Delta |
| Peart, Mearl C., ss..... | Randolph |
| Peay, Dean Spencer, fa-So..... | |
| ..... | Spanish Fork |
| Peay, Robert Elton, a-F..... | Provo |
| Pedersen, Nelda, fa-F..... | Tremonton |
| Peel, Bernice, ss..... | Mt. Pleasant |
| Peel, Jane, e-F..... | Mt. Pleasant |
| Peery, Margaret DeQuincy, a-J..... | |
| ..... | Salt Lake City |
| Pendleton, Beth, a-Sp..... | Provo |
| Pendleton, Carol, ss, a-S..... | Provo |
| Pendleton, Leola, e-F..... | Lovell, Wyo. |
| Pennington, Enid, c-Sp..... | Springville |
| Perkins, Betty Fay, ap-So..... | |
| ..... | Murtaugh, Idaho |
| Perkins, Derald Wood, e-F..... | Park City |
| Perry, Leo Neldon, a-F..... | Rupert, Ida. |
| Perry, Rolland, G..... | Provo |
| Perry, Thomas Clarence, c-So..... | |
| ..... | Kalispell, Montana |
| Persson, Wayne, c-F..... | Payson |
| Peters, Cornell, e-S, ss..... | Provo |
| Peters, Paul, a-F..... | Brigham City |
| Peterson, Bettie Pearl, e-F..... | Provo |
| Peterson, Chesley, a-So..... | Santaquin |
| Peterson, Cornelius Rawlings, G..... | |
| ..... | Ephraim |
| Peterson, Don Huish, a-F..... | Provo |
| Peterson, Dan W., fa-S..... | |
| ..... | Pleasant Grove |
| Peterson, Elden Jay, a-F..... | |
| ..... | Mt. Pleasant |
| Peterson, L. Elmer, ss..... | Ogden |
| Jeterson, Elwood L., ap-F..... | |
| ..... | Lakeside, Ariz. |
| Peterson, R. Eugene, ss, a-Sp..... | |
| ..... | Ephraim |
| Peterson, Helen Hales, a-Sp..... | |
| ..... | Spanish Fork |
| Peterson, Gladys Killpack, ss..... | Ogden |
| Peterson, Jay Heber, a-F..... | |
| ..... | Spanish Fork |
| Petersen, Jess Gordon, a-J..... | |
| ..... | Pleasant Grove |
| Peterson, John Huish, a-F..... | Provo |
| Peterson, LaNora, a-So..... | |
| ..... | Spanish Fork |
| Peterson, Laurel, e-J..... | |
| ..... | Flagstaff, Arizona |
| Peterson, Lorna, ss..... | Boulder |
| Petersen, Louise Bennion, e-So..... | |
| ..... | Salt Lake City |
| Peterson, Lyman Willard, ap-F..... | |
| ..... | Spanish Fork |
| Peterson, Mary Deane, e-So..... | Manti |
| Peterson, Ophelia Orlene, fa-J..... | |
| ..... | Salmon, Idaho |
| Petersen, Paul A., fa-S..... | Ephraim |
| Peterson, Reid, a-J..... | Provo |
| Peterson, Rulon, ss..... | Ephraim |

- Peterson, Thomas C., G.....Provo
 Peterson, Vera Busch, ss.....Mancos, Colorado
 Petersen, D. Ward, a-F.....Hinckley
 Petterborg, John DeLile, fa-F.....Preston, Idaho
 Pettey, Lloyd, c-F.....Ferron
 Petty, Glenn Curtis, fa-F.....Grand Junction, Colo.
 Petty, Wesley, a-J.....Rains
 Pew, Ivern L., ss.....Mesa, Arizona
 Pew, Mary Louise, ss.....Mesa, Arizona
 Phillips, A. LaVon, ss.....American Fork
 Phillips, France David, a-F.....Portland, Oregon
 Phillips, Perry C., e-F.....Dayton, Idaho
 Phillips, Stanley C., e-F.....Dayton, Ida.
 Pierce, Arwella Carolina, fa-F.....El Paso, Texas
 Pierce, Berniece, e-F.....Roosevelt
 Pierce, Byron Walter, a-J.....Spanish Fork
 Pierce, Ephraim Claire, e-J.....Torrey
 Pierce, Reed Mott, e-F.....Torrey
 Pierpont, Mildred Anna, c-J.....Provo
 Pilling, Ruby Alyce, c-Unm.....Cardston, Alta., Canada
 Pintar, Mary, e-S.....McGil, Nevada
 Pipkin, Robert Lynn, e-F.....Monticello
 Pirtle, Ann L., ss.....Bonne Terre, Mo.
 Pitcher, Callis, ap-J.....Cardston, Alta., Can.
 Pitt, Earl W., ss.....Teton, Idaho
 Platt, Mary, a-F.....Denver, Colo.
 Plumlee, Don Eugene, c-So.....Mt. Pleasant
 Pohlman, Catherine Mary, e-F.....Hollister, Idaho
 Pohlman, Rhoda May, ss.....Hollister, Idaho
 Poll, Ruth Marie, c-F.....Ft. Worth, Texas
 Pond, Beth, fa-S.....Fairfield, Idaho
 Pond, Cleo, a-S.....Fairfield, Idaho
 Pond, Glennis, c-F.....Fairfield, Idaho
 Pool, Robert Frank, a-F.....Dallas, Texas
 Poole, John Rulon, a-F.....Menan, Idaho
 Porter, Arthur C., c-J.....Rexburg, Ida.
 Porter, Kenneth Winder, fa-F.....Monroe
 Porter, Mildred Edna, c-So.....Salt Lake City
 Porter, Sarah Luisa, ss.....Salt Lake City
 Porter, Vernal, c-Unm.....Escalante
 Potasnik, William, a-F.....Whiting, Indiana
 Potter, Margaret Schow, ss, ap-Sp.....Lehi
 Poulson, Ardis, fa-J.....Provo
 Poulson, Enid, e-J.....Richfield
 Poulson, Fred N., ss.....Salt Lake City
 Poulson, Gwendolyn, ap-F.....Richfield
 Poulson, Helen Estella, a-So.....Provo
 Poulson, Ina Carrie, a-So.....Provo
 Poulson, Jenniev J., ss.....Provo
 Poulson, Vennae Elizabeth, a-F.....Redmond
 Powell, Erma, c-F.....Poysen
 Powell, Grant, a-F.....Murray
 Fowelson, A. Marian, ap-Sp.....Salt Lake City
 Powelson, Tom B., e-F.....Goshen
 Powelson, Stanley B., e-J.....Goshen
 Pratt, Dana Richmond, fa-So.....Salt Lake City
 Pratt, Glenn Cropper, c-So.....Nephi
 Pratt, Thomas Knight, e-J.....Hinckley
 Prescott, Lila, e-F.....Kamas
 Price, Daniel Quentin, fa.....Vernal
 Price, Eva, e-J.....Vernal
 Price, Margaret, fa-Unm.....Phoenix, Arizona
 Price, Marjorie, ap-F.....Phoenix, Arizona
 Price, Thomas Leslie, a-F.....Park City
 Price, Yvonne Marie, a-F.....Evanston, Wyoming
 Prisbrey, Arlo, c-J.....St. George
 Pritchett, Lillian F., c-So.....Fairview
 Probert, Fae, c-Unm.....Provo
 Probert, Leo Marion, ss.....Holden
 Proctor, Annie Carol, ss.....Spanish Fork
 Prows, Genevieve, c-Sp.....Provo
 Prusse, William Daid, c-F.....Provo
 Pulham, Floyd Miles, a-F.....Miami Beach, Fla.
 Pullen, Virginia May, e-F.....Provo
 Pulsifer, Clara S., ss.....Yonkers, New York
 Purdy, William Earl, fa.....Oakley, Wyo.
 Puzey, Garland William, s.....Cedar City
 Pyle, June Evelyn, a-F.....Provo
 Pyott, Betty, fa-F.....Salt Lake City
 Pyott, Marie, fa-J.....Salt Lake City
 Quinn, Paul Dewe, fa-F.....Montpelier, Idaho
 Quist, Arthur Wayne, ap-F.....Arco, Idaho
 Rabe, Fred Stratford, ap-J.....Ogden
 Raddatz, Henry Emil, ap-S.....Santaquin
 Rajek, Edgar David, e-F.....Merrill, Wisconsin
 Rambeau, Jean Mitchell, ss.....Provo
 Ramey, Irene Margaret, e-F.....Greenriver
 Randall, Alaine, fa-F.....Idaho Falls, Idaho
 Randall, Beryl, fa-So.....Pine, Ariz.
 Randall, Eldon Hakes, ap-So.....Pine Arizona
 Randall, Elizabeth Belle, a-F.....Joseph City, Arizona
 Randall, Richard C., c-F.....Joseph City, Arizona
 Randall, Rubie Alice, c-F.....Pine, Ariz.
 Randall, Willis Joseph, a-F.....Kamas
 Rasmussen, Elden U., a-F.....Fairview
 Rasmussen, Katherine A., e-So.....Mt. Pleasant
 Rasmuson, Kendall, c-F.....Provo
 Rasmussen, Phyllis Iavelle, a-F.....Spring City

- Rasmussen, Levar Spens, a-S Burlington, Wyo.
 Rasmussen, Margaret Louise, a-So.. Chicago, Ill.
 Rasmussen, Miriam, ap-J..... Provo
 Rasmussen, William Kirkhuff, c-F Provo
 Ratcliffe, Helen, e-So..... Provo
 Rawlinson, Lewis M., e-So..... Delta
 Read, Boyd A., c-Sp..... Ogden
 Reader, Jack N., a-F..... Vernal
 Ream, Helen Mae, e-So..... Dingle, Ida.
 Rebentisch, Hamilton Smoot, c-J..... Salt Lake City
 Rebentisch, Merinda S., a-So..... Ovid, Idaho
 Rebentisch, Ruth Olive, a-S..... Ogden
 Redd, James Prince, a-F..... Provo
 Redd Louise E., ss..... Blanding
 Redd, Norma, ap-So..... Blanding
 Reed, Nyle Eldon, c-F..... Sanford, Colo.
 Reece, Helen, ss..... Payson
 Rees, Clifton Arthur, ss..... Richfield
 Reese, H. Darwin, a-J..... Provo
 Reese, Richard D., c-F..... Provo
 Reese, Rudolph Pearce, ss..... Provo
 Reeve, Wayne Lee, a-So..... Brigham City
 Reeve, William Smith, c-a..... Ogden
 Reichert, Malno A., ap-S..... Price
 Reid, Howard T., fa-J..... Manti
 Reid, June Bassett, ss..... Delta
 Reid, Margaret, ap-J..... Magna
 Reimschiessel, Ernest F., ap-J..... American Fork
 Reimschiessel, George Carl, fa-Unm..... American Fork
 Revill, Joseph Nalder, e-F..... Inglewood, Calif.
 Rex, Barbara, ap-J..... Randolph
 Reynolds, Allen Cropper, ss..... Beaver
 Reynolds, Howard Carlyle, a-F..... Roosevelt
 Reynolds, Mark Albert, a-F, ss..... Provo
 Reynolds, Theron William, fa-Unm..... Provo
 Rhodes, Beulah, c-F..... Provo
 Rhoades, LeRoy James, ap-..... Hanna
 Rice, Clarence Cleone, e-Unm..... Brigham City
 Rice, E. J., e-S..... Brigham City
 Rice, Leonard William, e-F..... Clifton, Idaho
 Rich, Barbara, ss..... Pingree, Idaho
 Rich, Joyce, ss..... Logan
 Rich, Naoma, G..... Provo
 Rich, Russell Rogers, ss..... Logan
 Rich, Stella P., ss, G..... Provo
 Rich, Wendell O'Neal, ss..... Logan
 Richards, Helen McDonald, ss, a-S..... Salt Lake City
 Richards, L. Mark, a-J..... Salt Lake City
 Richards, Nancy Jane, c-F..... Salt Lake City
 Richardson, Irena, Beth, ss, a-J..... Provo
 Richardson, Kenneth F., G..... Dayton, Washington
 Richardson, Lurlene Ivie, ap-S..... Provo
 Richins, Mary Myrlene, a-J.....
 Richardson, Edna, a-So..... Salt Lake City
 Richins, Vir Schofield, c-So..... Burley, Idaho
 Richmond, Donal Wells, a-F..... Provo
 Richmond, Dorothy, ss..... Provo
 Richmond, Ruth Marie, a-Sp..... Provo
 Ricks, Artel, fa-F.....
 Ricks, Geneva, e-J..... Huntington Park, Calif.
 Ricks, Lavell, e-J..... Idaho Falls, Idaho
 Riddle, Rixey Smith, c-F..... Cedar City
 Ridge, Alfred Junior, a-F..... Provo
 Ridgway, Paul Enicks, fa-F..... Portsmouth, Va.
 Riding, Alma, ss..... Salt Lake City
 Rigby, Audrey, a-J..... Bancroft, Idaho
 Rigby, Cleston H., ss, e-Sp..... Provo
 Rigby, Florence P., ss..... Cedar City
 Rigby, Wendell M., ss, s-Sp..... Heber City
 Riggs, M. Dail, fa-J..... Mesa, Ariz.
 Riggs, Maurine, e-J..... Gunnison
 Riggs, Van Stene, c-F..... Mesa, Ariz.
 Riordan, Marguerite, ss..... Provo
 Ririe, Boyd H., ss..... Oakley, Idaho
 Riska, Eugene Raymond, c-F..... Sandy
 Roach, Bill, c-Unm..... Spanish Fork
 Robbie, Morvidd Leota, ss..... Provo
 Robbins, Carl Claude, ss..... Moreland, Idaho
 Roberts, Charles Henry, e-S..... Lehi
 Roberts, Isaac Bliss, a-So.....
 Roberts, Raymond, Alta., Canada
 Roberts, Ivy, ap-S..... Delta
 Roberts, Joyce Margaret, a-So.....
 Roberts, Roberta Fay, ss..... Salt Lake City
 Robertson, Beth Anne, a-Sp..... Spanish Fork
 Robertson, Izetta Funk, ss..... Lovell, Wyo.
 Robertson, James Allen, G.....
 Robertson, Merle Davis, fa-So..... Spanish Fork
 Robertson, Russell H., c-J..... Devon, Montana
 Robertson, Wanda, ss..... Springville
 Robinson, Alice, c-J..... Fountain Green
 Robinson, David Earle, c-Unm..... Parowan
 Robinson, Lucille, c-F..... Bay-side, L. I., New York
 Robinson, Helen, a-J..... Provo
 Robinson, Marie Afton, c-S..... Lehi
 Robinson, D. Owen, ap-So..... Colonia Dublin, Chih., Mex.
 Robinson, Rowena, ap-F..... Colonia Dublin, Chih., Mex.
 Robinson, Virginia, e-J..... Idaho Falls, Idaho
 Robison, Beulah A., ap-F..... Provo

- Robison, Joseph Smoot, G.....Lehi
 Robison, Lenore, fa-.....Overton, Nev.
 Rockwood, Charles Perry, ssSalt Lake City
 Rogers, Chester S., c-SpSnowflake, Ariz.
 Rogers, Lehi S., ap-F.....Snowflake, Ariz.
 Rogers, Robison Max, fa-J.....Morgan
 Rogers, Milton David, a-F.....Blanding
 Roghaar, Helen Grace, ssGrace, Idaho
 Roghaar, John Andrew, c-FGrace, Idaho
 Rolfe, Merl A., ap-F.....Oakley
 Rolfson, Verl Phillips, ap-UnmRaymond, Alta., Canada
 Rollins, J. Leslie, ssLyman, Wyoming
 Rollins, Ruth, e-So.....Lyman, Wyo.
 Romeril, Durell Nelson, a-FRaymond, Alta., Canada
 Romney, Antone Kimball, ss.....Provo
 Romney, Ella, c-FColonia Dublan, Chih., Mex.
 Romney, Mrs. George S., fa-Sp.....Provo
 Romney, Gretta P., ss.....Provo
 Romney, Isabelle, fa-SColonia Juarez, Chih., Mex.
 Romney, Merlyn, ss, a-J.....Provo
 Romney, Merline Miller, fa-Sp.....Provo
 Romney, Rulon, fa-JColonia Juarez, Chih., Mex.
 Ronnow, Eleanore Elsie, a-SoPanaca, Nevada
 Roper, Morrie, fa-FVernal
 Ross, Faye Rose, e-J.....Provo
 Ross, Fern Louise, ap-J.....Provo
 Ross, Floyd, ap-F.....Arcadia
 Ross, Robert William, a-J.....Price
 Roundy, Laura, ss, e-S.....Provo
 Rowan, Elliot Noble, ap-J.....Antimony
 Rowan, Louella, fa-F.....Provo
 Rowan, Naama Tew, fa-J.....Provo
 Rowan, Rachel, fa-F.....Provo
 Rowe, Frances E., ssSpanish Fork
 Rowe, Frank Omar, a-FAlliance, Neb.
 Rowe, Glen Morris, c-SpProvo
 Rowe, Lewis Ephraim, fa-S.....Provo
 Rowe, Mae W., a-Sp.....Provo
 Rowe, Owen Earl, ss.....Spanish Fork
 Rowland, Hannah, ss.....Springville
 Rowley, BethSpring Glen
 Rowley, Ernest Elvin, G.....Provo
 Roylance, Fred H., c-So.....Springville
 Ruff, George Robert, a-SProvo
 Rupper, John H., G.....Provo
 Rupper, Virginia, c-Sp.....Provo
 Russell, Katherine M., a-Sp.....Eureka
 Ryder, Ted James, e-F.....Douglas, Wyo.
 Sabin, Marvin Elmer, a-F.....Salem
 Salisbury, David E., fa-So.....Nephi
 Salm, Kathryn, fa-So.....Magna
 Sampson, Charles Ivan, ss, GAmerican Fork
 Sampson, Stella, ssDelta
 Samuelson, Donna, fa-F.....Bountiful
 Sanderson, Iva Luzon, e-F.....Fairview
 Sanderson, Lloyd Devon, c-S.....Fairview
 Sandgren, Edward A., ss, c-S.....Provo
 Sardon, Elizabeth, a-Sp, ss.....Provo
 Sardon, Lawrence Whitman, ssGrand Junction, Colo.
 Sargent, Victor J., a-F.....Panguitch
 Sargis, Samson George, G.....Provo
 Sauls, Elizabeth Cannon, G.....Provo
 Savage, Chloe, e-J.....Annabella
 Savage, Ruby, e-J.....Leeds
 Saxey, Edward, a-J.....Provo
 Sayer, LaMar A., a-FIdaho Falls, Idaho
 Sayer, John Robert, c-JIdaho Falls, Idaho
 Schaerrer, Niles O., a-UnmPayson
 Schmidt, Herbert, ap-So.....Ogden
 Schmielt, Stanley Wallace, a-FMidvale
 Schmutz, Stanley M., fa-S.....St. George
 Schofield, Arlin Rawling, ap-J.....Provo
 Schofield, Marjorie Denise, a-F.....Provo
 Schofield, Virginia, e-F.....Elko, Nev.
 Schow, Erma Davis, ss, ap-S.....Lehi
 Schow, June, fa-So.....Magna
 Schow, Russell Stewart, e-So.....Lehi
 Sconberg, John Vernon, fa-F.....Woods Cross
 Scorup, Edith, ap-S.....Salina
 Scott, Elmo, a-F.....Provo
 Scott, Ida Belle, ss, G.....Provo
 Scott, Keith, a-Unm.....Provo
 Scovil, Roy, fa-UnmProvo
 Seaman, Helen, e-J.....St. George
 Searle, Don L., a-Sp.....Spanish Fork
 Searle, Lynn Scott, e-S.....Spanish Fork
 Searle, Ralph R., c-J.....Spanish Fork
 Sears, Dorothy, a-FFlushing, L. I., New York
 Sears, Viola, ss.....Salt Lake City
 Seedall, Dorothy Deane, ssIdaho Falls, Idaho
 Seegmiller, Frank Knechtel, ssSalt Lake City
 Seegmiller, Mishie, ss, e-Sp.....St. George
 Seegmiller, William Garth, e-F.....Denver, Colo.
 Seegmiller, Kent Sailor, c-FDenver, Colo.
 Seegmiller, Robert, ap-So.....Richfield
 Seeley, Max M., a-J.....Roosevelt
 Sell, Edward Arthur, ap-FMerrill, Wis.
 Sellers, Doyle D., ssSacramento, Calif.
 Sessions, Lena Marion, ap-FChinook, Montana
 Shaffer, Beth, ap-F.....Manti
 Shafer, William Lester, a-SoCardston, Alta., Canada
 Sharp, Ernest, c-FBarboursville, W. Va.
 Sharp, George Arieli, G.....Murray
 Shawcroft, Earl, a-F.....La Jara, Colo.
 Sheffield, Donald, e-Sp.....Brigham City
 Sheffield, Erwin Lowell, ss.....Fillmore

- Sandberg, Howard B., G.....Provo
 Sandberg, Merrill, G.....Provo
 Sanders, Beth Violet, e-J.....Aromas, Calif.
 Sanders, D. Clarence, a-F.....Farmington
 Sanders, Follet Christian, c-So.....Fairview
 Sanders, Orson Ross, c-S.....Malta, Idaho
 Sanders, Wendell Julius, ap-F.....Nephi
 Sheffield, Kenneth Heber, ss.....Kaysville
 Shellenberger, Elna Idonna, fa-So.....Ely, Nevada
 Shelley, Jay Frederick, a-F.....Kingman, Ariz.
 Shelley, Sarah, a-S.....American Fork
 Shelley, Virginia, c-F.....American Fork
 Shelton, Fletcher R., a-Unm.....Lehi
 Shields, Elden Brown, ap-So.....Shaughnessy, Alta., Canada
 Shields, Morris D., ap-J.....Shaughnessy, Alta., Canada
 Shields, Wallace Ralph, e-So.....Arcadia
 Shepherd, Charles Rich, ss.....Afton, Wyo.
 Shepherd, Edith Funk, ss.....Afton, Wyo.
 Shepherd, Laura, ss.....Spanish Fork
 Sheriff, Ione, ss.....Salt Lake City
 Shiozaki, Jungi Jay, e-F.....Mills
 Shiozawa, Kenji, ap-J.....Rigby, Idaho
 Shipman, Edward, ap-Sp.....Provo
 Shipman, Karl Rollo, a-F.....Provo
 Shipman, Hobert, a-J.....Provo
 Shippee, Allen, ap-F.....Spanish Fork
 Shumway, Elma, ap-F.....Lovell, Wyo.
 Shumway, Iva Don, e-P.....St. George
 Shurtz, Lillian, ap-So.....Escalante
 Siddoway, H. Ralph, ss.....Vernal
 Simangan, Esteban Tulauan, a-S.....Tuguegarao, Cagayan, Philippine I.
 Simmons, Hazel, c-Sp.....Manti
 Simmons, James A., e-S.....Spanish Fork
 Simmons, Paul Alphonzo, a-F.....Manti
 Simpkins, Nedra, e-S.....Provo
 Sims, Archie, ss.....Mantua
 Singleton, Garth, c-J.....Eureka
 Singleton, Paul C., c-Sp.....Provo
 Sinnott, F. Anne, e-S.....New Port, Calif.
 Sjoberg, Lillian Helene, ss.....Pleasant Grove
 Skeem, Elayne, ap-J.....Oasis
 Skeem, Raymond, a-J.....Buhl, Idaho
 Skeem, Kathryn Ellison, c-F.....Ogden
 Skidmore, Richard, a-F.....Sugar City, Idaho
 Skipworth, Ernest Milbourn, c-J.....Hillspring, Alta., Canada
 Skouson, Gertrude, ap-F.....Colonia Dublan, Chih., Mex.
 Skousen, Murr Eldred, ap-So.....Chandler, Arizona
 Skousen, Rita, e-S.....Colonia Juarez, Chih., Mex.
 Skov, Bunde, G.....Provo
 Slack, Merlin J., c-So.....Provo
- Smart, Genevieve, c-F.....Spanish Fork
 Smart, Helene Estelle, ap-J.....San Francisco, Calif.
 Smart, Henriette Neff, ss, G.....Provo
 Smart, Max Neff, ss, G.....Provo
 Smart, Mildred, a-J.....Reno, Nevada
 Smart, Phyllis, fa-F.....Springville
 Smeath, George Hillier, ss, G.....Salt Lake City
 Smeath, Mary Hawker, a-J.....Grantsville
 Smith, Ada, ss.....Springville
 Smith, Amy, c-So.....Salt Lake City
 Smith, Arthur Callis, ap-F.....Greybull, Wyoming
 Smith, Clarence Brandon, c-So.....Raymond, Alta., Canada
 Smith, David Francis, ss.....Provo
 Smith, Dicksie Debs, a-F.....Provo
 Smith, Donald H., ap-S.....Ogden
 Smith, Elaine, ap-Unm.....American Fork
 Smith, Ernest P., ss.....Pleasant Grove
 Smith, Ferral L., c-S.....Elsinore
 Smith, Glen, e-F.....Randolph
 Smith, Sylvester Glenn, a-So.....Salt Lake City
 Smith, Harold H., ss.....Vernal
 Smith, Hyrum, a-So.....Provo
 Smith, Hyrum Jenkins, ss, G.....Salt Lake City
 Smith, Iona, e-F.....Alpine
 Smith, Jack Vernon, e-So.....Alpine
 Smith, Katherine Thomas, ss, e-Sp.....Provo
 Smith, Kenneth A., a-So.....Preston, Idaho
 Smith, Mabel N., ss.....Vernal
 Smith, Boyd Kenneth, a-F.....Torrey
 Smith, Don Hyrum, a-F.....Provo
 Smith, Lyle Alfred, a-F.....Provo
 Smith, Lela B., ap-So.....Vernal
 Smith, Leo Evans, a-F.....Provo
 Smith, Lola B., ap-So.....Vernal
 Smith, Marvin Eugene, e-So.....Palmyra, New York
 Smith, Maurice Edward, c-F.....Denver, Colo.
 Smith, Moroni W., ss.....Richfield
 Smith, Oliver Rollin, ss G.....Palmyra, New York
 Smith, Omar Kim, fa-J.....Provo
 Smith, Ora Ann, fa-J.....Pleasant Grove
 Smith, Reeda, ap-F.....Torrey
 Smith, George Reynolds, a-F.....Salt Lake City
 Smith, Robert J., c-F.....Snowflake, Arizona
 Smith, Rowe, ap-So.....Bridgeland
 Smith, Thales Sessions, ap-So.....Greybull, Wyo.
 Smith, Ticknor Niles, a-So.....Anoka, Minn.
 Smith, Veon G., a-So.....Sandy
 Smith, Victor, a-F.....Lehi

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|---------------------------------|---------------------------------|
| Smith, Walter Lorane, c-Unm | Springer, Floris M., c-S |
| Raymond, Alta, Canada | Bristol Silver, Nev. |
| Smith, Wilda Josephine, ss | Squire, Spencer, ss |
| Smith, William Albert, ss, e-S | Stagg, Leah, ss |
| Smith, William C., ss | Standage, Dixie, a-F |
| Pleasant Grove | Staheli, Harvey Rulon, ss |
| Smoot, Anna, ss | Stahl, Anna C., ss |
| Smoot, Fern, ss | Stanko, Helen, Marlene, c-S |
| Smoot, Samuel Parkinson, c-F | Sheridan, Wyo. |
| Provo | Stanko, Rudy Richard, ap-F |
| Smoot, Seth Eldredge, ss, a-J | Sheridan, Wyo. |
| Smoot, Ted Earl, c-F | Stansfield, Russell Neil, e-J |
| Smuin, Donna, ap-J | Mt. Pleasant |
| Snarr, Alvin Glen, ap-So | Staples, George William, ss |
| Snarr, L. Glen, a-F | Stapley, Betty Jean, c-F |
| Snarr, Lura, ap-So | Phoenix, Arizona |
| Snedaker, Donald Leroy, a-J | Stark, Anna E., ss |
| Thornton, Idaho | Starley, Rae, ss |
| Snell, Maude, ss | Starley, Ruth, e-So |
| Snell, Morris R., G | Starr, Albert leRoy, ss |
| Snell, William H., ss, G | Starr, Eva, a-S |
| Snow, Anthony K., a-So | Stayner, Gloria, e-F |
| Snow, Claude Shipley, ss | Steele, Shirley, e-F |
| Snow, Edward Donald, a-F | Steele, Veda, ap-J |
| Snow, Hattie Thornton, ss | Steineckert, Dean, fa-So |
| Snow, Ray, Jr., a-J | Steineckert, Max A., a-J |
| Snow, Wanda McGregor, ss, fa-Sp | Stephens, Eugene C., c-J |
| St. George | Bayside, New York |
| Snyder, Evelyn, c-Sp | Stephens, Homer Fayette, a-F |
| Snyder, William Morgan, c-F | Bayside, New York |
| Spanish Fork | Stephens, Miland R., ss, e-So |
| Soffe, Beth, e-S | Stephens, Thirstle Rand, c-Sp |
| Soffe, Kenneth, e-S | Stephenson, George Bennett, a-F |
| Soffe, Orpha, ss | Holden |
| Soffe, Wayne, G | Stephenson, J. Maiben, ss, e-Sp |
| Sohm, Rex LeRoy, a-F | Oak City |
| Sorensen, Bernice, ss | Spanish Fork |
| Sorensen, Bill Howard, G | Sterling, Mary Helen, ss |
| Sorensen, Blair M., a-S | Stevens, Florence, a-J |
| Sorensen, Inger, c-Unm | El Paso, Texas |
| Sorensen, Margaret, e-F | Stevens, Inez Ruth, fa-J |
| Sorensen, Morris Elmer, a-S | Barnwell, Alta., Canada |
| Sorensen, Moyal George, c-F | Stevens, Lenore, ss |
| Sorensen, Paul Wayne, e-J | Stevens, Naomi, e-F |
| Sorensen, Ruby Fields, a-Sp | Stevens, Rozilla, e-So |
| Sorensen, Voyle, fa-F | Stevens, Velyn B., ap-Sp |
| Sorensen, Wayne Leslie, e-J | Stevens, Wallace Robins, c-So |
| Salt Lake City | Stevens, William A., c-S |
| Soulier, Glen Earl, ap-F | El Paso, Texas |
| Souter, Chaterine, e-F | Stevenson, Keith Grange, a-S |
| Sowards, Clifford H., c-F | Castle Dale |
| Sowards, Ethelyn, a-F | Stewart, Betty Anne, fa-F |
| Spackman, Fred Neal, a-S | Stewart, Blanche, a-J |
| Stirling, Alta., Canada | Stewart, Dora Ida, a-Sp |
| Spear, Dorothea, ss | Lethbridge, Alta., Canada |
| Speckart, Jess, c-Sp | Spanish Fork |
| Spencer, Ethel S., c-Sp | Stewart, L. Grant, a-S |
| Spencer, Hazel Lorene, ap-J | Stewart, Henry Maiben, a-S |
| Malad, Idaho | Stewart, LaRon D., a-J |
| Spencer, Lucile, c-S | Calgary, Alta., Canada |
| Spencer, Ray Arden, a-J | Stewart, Neil S., c-J |
| Spencer, Seymour Horne, ss | Meadow |
| Speros, Peter John, a-J | Stewart, Virginia, ss |
| Bingham Canyon | Stimpson, Bertha, ap-F |
| Spilsbury, Erwin R., ss | Stimpson, Edith Bee, e-S |
| Preston, Idaho | Stoddard, Henry Nibley, c-J |
| Spotten, Lillian, e-F | LeGrande, Oregon |
| Sanford, Colorado | |

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| Stokes, Beatrice E., a-F | Pleasant Grove | Sumsion, Naomi, e-J | Springville |
| Stolworthy, Cleo, c-So | Kirtland, New Mexico | Sunderland, Ileen, e-So | Lehi |
| Stone, Armanell Nancy, ap-F | Salem | Sundwall, C. Arthur, ss | Fairview |
| Stone, Arvil G., e-F | Provo | Sundwall, Jessie E., ss | Fairview |
| Stone, Chester A., fa-So | Salem | Sundwall, Robert, ss | Fairview |
| Stone, John E., c-F | Provo | Sundwall, Virginia, fa-So | Fairview |
| Stone, Opal Evelyn, fa-F | Ogden | Surface, Victor A., G | Ogden |
| Stone, Stanley Ellis, c-F | Salem | Sutherland, Albert A., ss | Tooele |
| Stoneman, Nellie Wilhelmina, ap-F | Salt Lake City | Sutherland, Frank, a-F | Provo |
| Storrs, Betha, fa-Sp | American Fork | Sutton, Helen Kathleen, ss, G | Provo |
| Stosich, Flora, e-So | Idaho Falls, Idaho | Sutton, Virginia Frances, ss, G | Provo |
| Stott, Beth, ap-F | Meadow | Swanner, Charles Edsell, c-S | Spanish Fork |
| Stott, Edgar Keith, c-F | Douglas, Arizona | Sward, Beth Goldie, c-Sp | Provo |
| Stott, Joseph Lynde, c-J | Douglas, Arizona | Swenson, Alfred Arthur, ss, fa-Sp | Provo |
| Stout, Ruth, e-So | Moab | Swenson, Anaidne, c-So | Salt Lake City |
| Stowell, Mary Irene, a-J | Rexburg, Idaho | Swenson, Calvin Helge, a-S | Pleasant Grove |
| Strasburg, Mae, e-So | Lehi | Swenson, Floyd Anthon, a-F | Spanish Fork |
| Strate, Fred C., ss | Provo | Swenson, John Lewis, ap-So | Bancroft, Idaho |
| Strate, Neva, fa-So | Provo | Swenson, Sara Katherine, fa-F | Spanish Fork |
| Strate, Sterling J., a-So | Provo | Swensen, Kay Walker, fa-So | Pleasant Grove |
| Stratton, Marvin Vance, c-So | Provo | Swensen, Maxine, a-F | San Francisco, Calif. |
| Stratton, Oliver R., a-J | St. George | Swensen, Richard Davis, c-J | Provo |
| Straw, Rea, ss | Provo | Swenson, Richard Merrill, ap-F | Pleasant Grove |
| Straw, Rex Ellis, c-S | Montpelier, Idaho | Sylvester, Robert Herman, a-F | Richfield |
| Strebel, George L., ss | Provo | Taggart, Spencer Laird, ss | Thatcher, Arizona |
| Street, Louise, e-F | Provo | Talbot, Wilburn C., ss | Logan |
| Strickland, Ivan Wright, ap-F | Norview, Norfolk, Virginia | Tangren, Hallie, ss, e-So | Provo |
| Strickland, Joseph, a-S | Norview, Norfolk, Virginia | Tanner, Annie Atkin, a-Sp | Provo |
| Strickland, Mary Marguerite, c-F | Norview, Norfolk, Virginia | Tanner, Hazel Betty, c-F | Provo |
| Strickley, Dora Jane, fa-So | Provo | Tanner, Carol, a-J | Provo |
| Stringfellow, Marvin Darrell, c-So | Provo | Tanner, Champ Bean, ap-F | Provo |
| Stringham, Irving Ray, a-F | Vernal | Tanner, Gloria, a-F | Provo |
| Stringham, Jack, ss | Provo | Tanner, Leola, fa-F | Payson |
| Strom, Clifford L., e-So | Bend, Ore. | Tate, Helen, ap-F | Tooele |
| Stromberg, Ruth Clark, fa-So | Grantsville | Tate, Margaret, e-S | Thatcher, Arizona |
| Strong, Gayle K., a-F | Alpine | Taylor, Anna Lenora, ss | Provo |
| Strong, Jack Edison, a-F | Provo | Taylor, Apollos B., G | Provo |
| Strong, Jimmy Boyle, fa-F | Provo | Taylor, Ben, fa-J | Colonia Dublan, Chih., Mexico |
| Strong, John Thornton, a-F | Alpine | Taylor, Carlos Eyring, ss | Colonia Dublan, Chih., Mexico |
| Strong, Josephine, ss, e-Sp | Provo | Taylor, Dora Fay, fa-So | Rexburg, Idaho |
| Strong, Leon M., ss, G | Sugar, Idaho | Taylor, Floy M., a-So | Monrovi |
| Strong, Lucille, ap-F | Springville | Taylor, Gerald Heber, ss | Henefer |
| Strong, Robert Quentin, e-F | Provo | Taylor, Gordon Lee, e-J | Levan |
| Stuart, Alma LaMar, e-J | Woodruff | Taylor, John Golden, G | Spokane, Wash. |
| Stucki, Ferdinand Karl, ss | St. George | Taylor, Kenneth, c-S | Provo |
| Stucki, Merrill, ss | St. George | Taylor, Lenore Coon, fa-J | Colonia Dublan, Chih., Mex. |
| Stucki, Virgil Herman, fa-J | Delta | Taylor, Lester Parkinson, c-So | Provo |
| Stum, Robert Wilson, c-F | Provo | Taylor, Lola, ap-J | Spokane, Wash. |
| Stutz, Howard Coombs, a-So | Carla, Alta., Canada | Taylor, Lucille R., ss | Colonia Dublan, Chih., Mex. |
| Styler, Arlyn J., | Oasis | | |
| Styler, Lucille, ap-F | Oasis | | |
| Sullivan, Annie E. | Eureka | | |
| Sullivan, Charlotte | a-So | | |
| | Eureka | | |

- Taylor, Marion Hollis, c-So.....Provo
 Taylor, Martha, ap-F.....Randolph
 Colonia Dublin, Chih., Mex.
 Taylor, Mattie, G.....Spokane, Wash.
 Taylor, Maxine, fa-F.....American Fork
 Taylor, Nellie Jane, fa-F.....American Fork
 San Francisco, Calif.
 Taylor, Nelle Lroiene, ap-So.....Springville
 Colonia Dublin, Chih., Mex.
 Taylor, Nola Riley, ss.....gOden
 Taylor, Richard Sword, a-F.....Provo
 Taylor, Ruby, e-F.....El Paso, Texas
 Taylor, Ruth, e-J.....Lovell, Wyo.
 Colonia Dublin, Chih., Mex.
 Taylor, Ruth Elayne, e-S.....Provo
 Taylor, Weldon J., ss.....Provo
 Taylor, William Vaughn, fa-Unm ..
 Salt Lake City
 Tebbs, Myrtle, a-F.....Panguitch
 Tebbs, Ruth, e-So.....Panguitch
 Teeples, Henry Clifton, ap-F.....Shelley, Idaho
 Teeples, Rachel L., ap-J.....Firth, Idaho
 Teichert, Robert Henri, a-J.....Cokeville, Wyo.
 Terry, Allen Parshall, e-So.....Ephraim
 Salt Lake City
 Terry, Evan Ray, c-J.....Provo
 Terry, Luther Lafayette, G.....Enterprise
 Tew, Clara Zerita, ap-F.....Leslie, Idaho
 Tew, Earl H., ap-So.....Shelley, Idaho
 Thacker, Luella, e-So.....Provo
 Thatcher, Harold Leslie, c-F.....Provo
 Thatcher, Leolia Pearl, a-F.....Clawson
 Thatcher, Lucille, a-J.....Clawson
 Thayne, Frank Margetts, a-F.....Pleasant Grove
 Salt Lake City
 Thayn, June, a-J.....Wellington
 Theobald, Leon Carl, a-F.....Hinckley
 Thomas, Adrian Adam, fa-F.....Richmond
 Thomas, Arvilla, ap-Sp.....Heber
 Thomas, Beth, c-F.....Boise, Idaho
 Thomas, Burke Reuben, ap-F.....Salt Lake City
 Thomas, Dan, G.....Ogden
 Thomas, Daniel Darrow, ss.....Blackfoot, Idaho
 Thomas, L. Dean, ap-S.....Spanish Fork
 Thomas, David G., ss.....Smithfield
 Thomas, Fern, ss.....Provo
 Thomas, Glenn Carter, a-Unm ..
 Cardston, Alta., Canada
 Thomas, Harry, a-J.....Provo
 Thomas, Helen Carol, ss.....Pinegre, Ida.
 Thomas, Helena, e-J.....Enterprise
 Thomas, Joan Margaret, a-F.....Salt Lake City
 Thomas, Julius Ralph, a-F.....Anoka, Minn.
 Thomas, Lucille, a-So.....Pinedale, Ariz.
 Thomas, Rachel, a-F.....Eureka
 Thompson, Avis, ss.....Springville
 Thompson, Blodwen, e-F.....Provo
 Thompson, Burton M., ss.....Salina
 Thompson, Naomi, fa-F.....Garfield
 Thornock, Willa Lucille, ap-J.....
 Thorne, Ralph L., c-So.....Pleasant Grove
 Thornton, Kennedy Ashton, a-F.....American Fork
 Thorpe, Zelma, c-So.....Springville
 Threet, Ivan B., a-F.....Lovell, Wyo.
 Threet, Robert Eldridge, ap-
 Lovell, Wyo.
 Thurgood, Jack J., a-F.....Provo
 Thurman, Donald Jay, c-S.....Provo
 Thurman, Elizabeth, ss, ap-S.....Provo
 Thurston, Kimball D., c-F.....Provo
 Tidwell, Bert E., a-J.....Wellington
 Tidwell, Lillie Belle, e-J.....Wellington
 Tietjen, Barbara, c-So.....Monroe
 Tietjen, Elizabeth Bernell, fa-S.....Monroe
 Timpson, George William, a-F.....Bountiful
 Tingey, Bertha, ss.....Salt Lake City
 Tippetts, Perry May, ap-F.....Delta
 Tippetts, Joseph Eli, fa-F.....Springville
 Tippetts, Twain Cropper, e-S.....Ephraim
 Tipton, Naomi, e-J.....Springville
 Tirely, P. James, a-F.....Rico, Colo.
 Tobler, Earlin, ss.....Mesquite, Nevada
 Tobler, Lois Jean, fa-F.....Bunkerville, Nevada
 Tedd, Beth, c-So.....Denver, Colo.
 Todd, Burton McLain, a-So.....Denver, Colo.
 Toland, Gloria Gwendolene, fa-S.....S. John, Kansas
 Told, Elizabeth Leore, e-F.....Pleasant Grove
 Toliver, William Meredith, e-E.....Salida, Colo.
 Tolman, Eldon M., a-F.....Lovell, Wyo.
 Tolman, Glade Finlayson, a-F.....Provo
 Tolman, Rex C., e-S.....Murtaugh, Ida.
 Toomey, Eleanor Norma, fa-So.....Sandy
 Tomsik, Mary Kathleen, fa-F.....Las Vegas, Nevada
 Tooth, Bessie, ss.....Manti
 Towers, Adele, ss.....Eureka
 Traher, Kathryn, c-So.....Provo
 Tree, Don C., ap-F.....Park City
 Tree, Irene, ss.....Park City
 Trimble, Cuthbert, ss.....Fillmore
 Trimble, Hazel L., ss.....Fillmore
 Trunnell, Jack Byron, a-So.....Whiting, Indiana
 Trunnell, Nancy Jane, fa-
 Whiting, Indiana
 Tucker, Clair Myron, a-So.....Fairview
 Tucker, Fances P., e-Sp.....Snowflake, Ariz.
 Tucker, George Webster, ss.....Snowflake, Ariz.
 Tucker, Martha Lu, a-So.....Lewisville, Idaho
 Tucker, Platte, a-F.....Provo
 Tueller, Jack Leroy, fa-F.....Evanston, Wyo.
 Tuft, Bernice, c-F.....Monroe

| | | | |
|----------------------------------|---------------------|---------------------------------|---------------------------|
| Tuft, Beth, ss | Monroe | Wadsworth, F. Don, e-J | |
| Tuft, Max S., ap-S | Monroe | | Panaca, Nevada |
| Tuft, J. Reed, a-J | Heber | Wadsworth, Edna Myrtle, a-So | |
| Tuft, Robert McRay, a-So | | | Panaca, Nevada |
| | Oakland, Calif. | Wadsworth, Jo, e-F | Panaca, Nevada |
| Turley, Stanley Frederick, ap-F | | Wadsworth, Zella O'neta, ap-F | |
| | Aripine, Ariz. | | Chinook, Wantana |
| Turner, Dorothy Ann, a-So | Provo | Wagers, Marjorie J., ss | Provo |
| Turner, Glen, ss, fa-J | Provo | Wagstaff, Marguerite, a-F | Kamas |
| Turner, LaRue, ss, a-Sp | | Wagstaff, Mary LaVerl, e-F | Kamas |
| | Spanish Fork | Wagstaff, Vera N., ss, e-Sp | |
| Turner, Maxine, fa-S | Spanish Fork | | Pleasant Grove |
| Turner, Marjorie, e-S | Kaysville | Wainwright, Naomi Beard, ap-F | |
| Turner, Winifred, c-Sp | Sunnyside | | Evanston, Wyo. |
| Turnquist, Shirley, fa-J | Ogden | Waite, LeRoy, a-J | Arco, Idaho |
| Tuttle, Darlene, c-F | | Wakefield, June, c-F | Huntington |
| | New Castle, Colo. | Wakefield, Leland Bert, fa-Sp | |
| Tuttle, Dean L., c-F | Spanish Fork | | Breckenridge, Colorado |
| Tuttle, Eleanor, fa-Sp | Provo | Walburger, Hazel Eliza, ap-Unm | |
| Tuttle, Helen, e-F | Salina | | Lethbridge, Alta., Canada |
| Tuttle, Katharine, a-F | Springville | Walker, David Smith, a-S | |
| Tuttle, L. Elliott, C, ss | Provo | | Pleasant Grove |
| Tuttle, Norma, e-J | Manti | Walker, Ferrell Keith, e-J | Delta |
| Tuttle, Virginia, ap-F | Springville | Walker, Horace, ap-So | |
| Tyler, Tess Child, fa-S | Springville | | Pleasant Grove |
| Tyndall, Clarence, c-J | | Walker, Elmo Lavelle, a-Unm | |
| | Deep Run, N. C. | | Columbia, Miss. |
| Udall, Eleanor, ap-J | | Walker, Jennie, ss | Pleasant Grove |
| | St. Johns, Ariz. | Walker, Jesse Wyroa, ss | |
| Udall, Jessica, fa-J | Thatcher, Ariz. | | American Fork |
| Ungermann, Ralph L., fa-S | | Walker, Josephine Greenwood, ss | |
| | Huntington | | Pleasant Grove |
| Utley, Jance Joyce, c-F | Alamo, Nev. | Walker, Lucille, ap-Unm | Springville |
| Utley, Quentin E., a-J | Richfield | Walker, Orvel E., ap-Unm | |
| Utvich, John, c-J | | | Pleasant Grove |
| | Los Angeles, Calif. | Walker, Paul K., ss | Springville |
| Valentine, Lee, e-S | Brigham City | Walker, Reed L., ap-So | Nampa, Ida. |
| Van Alfen, Nicholas, G-Sp | Ogden | Walker, Sherman Loran, ap-F | Provo |
| Vance, Clair, a-F | Fairview | Walker, Sonoma Robins, a-S | Provo |
| Vance, David H., a-J | Jerome, Idaho | Walker, Thelma Marie, ss | |
| Vance, Lloyd Thomas, a-F | Fairview | | Pleasant Grove |
| Van Leuven, Lyda H., ss, e-Sp | Provo | Walker, William L., a-So | Delta |
| Van Leuven, Thora Hill, e-S | Provo | Wall, Alonzo Edward, Jr., ss | Goshen |
| Van Noy, Melvin Joseph, e-F | | Wall, Vonda, e-F | Jensen |
| | Richmond | Wallace, LaVeta, ss | Logan |
| Van Orden, Gwen Pratt, ss | | Walsh, Ida, c-F | Farmington |
| | Bancroft, Idaho | Walsh, Reed Harmer, ss, C | |
| VanWagenen, Donna Merle, ss, c-J | | | Farmington |
| | Provo | Walter, Noall E., G | Holladay |
| Van Wagoner, Dale Leilanie, c-F | | Walton, John Norman, a-J | Provo |
| | Provo | Ward, Barbara, c-Sp | Provo |
| Van Wagoner, Merrill Y., ss, G | | Ward, Keith Whitney, ap-J | |
| | Midway | | Parowan |
| Vest, W. Velay, ss | Mona | Wardle, Lelen Taylor, ap-F | Provo |
| Vickers, Carma, ss, a-F | Nephi | Warner, Jack Jex, a-So | |
| Vickers, Reva, ss | Nephi | | Spanish Fork |
| Viertel, Glenn J., a-F | Payson | Warner, Janell, fa-F | Richfield |
| Viklund, Eric Albert, c-J | | Warner, Jesse Lenard, e-So | |
| | Spanish Fork | | Salt Lake City |
| Vincent, Byrnece, ss | Provo | Warner, Joe Harold, c-F | Fillmore |
| Vorkink, Rosemarie, a-F | | Warner, John F., e-Sp | Spanish Fork |
| | Los Angeles, Calif. | Warner, Max, ss | Provo |
| Wade, Denby Blake, e-J | St. George | Warner, Mont Marcellus, a-So | |
| Wadley, Alexander a J | | | Kelso, Calif. |
| | Pleasant Grove | Warner, Orvil Rex, a-So | |
| Wadley, Jessie Robertson, ss | | | Las Vegas, Nevada |
| | Pleasant Grove | Warnick, Adolphus P., ss | |
| Wadley, Lucy, ss | Pleasant Grove | | Pleasant Grove |

- Warnick, Helen, ap-So Pleasant Grove
 Warnock, Idell, e-So Sigurd
 Wasden, Howard Adolph, ss Las Vegas, Nevada
 Wesden, Lucinda, fa-Sp Garland, Wyo.
 Washburn, Ardell, c-F, ss Fruitland, New Mexico
 Washburn, DeMonte, ss Monroe
 Washburn, Jesse A., ss Provo
 Washburn, Margaret Marie, c-So Provo
 Washburn, Verde, a-J Blanding
 Waspe, Ileen Ann, G Provo
 Waters, Merle Blanche, ss, e-J Rigby, Idaho
 Waters, Merrill Eugene, a-S Sheridan, Wyo.
 Waters, Verna Leona, c-Unm Rigby, Idaho
 Watts, J. Clayton, ss Gunnison
 Watts, Verdun Austin, fa-Sp Kanosh
 Way, John Willis, G Ogden
 Webb, Ben Miles, a-F Ioka
 Webb, Buster J., c-F Kaysville
 Webb, Charlotte, e-So Mesa, Ariz.
 Webb, Annie Ila, c-F Lehi
 Webb, Jean, e-J Ogden
 Webb, Lynn Robert, ss Afton, Wyo.
 Webster, Olyve Ann, e-F Charleston
 Weeks, Don Bede, fa-Unm Vernal
 Weeks, Helen, ap-S Pleasant Grove
 Weenig, John L., c-J Riverton
 Weight, Blanche, a-F Provo
 Weight, Brent Nelson, a-S Springville
 Weight, Newell Bryan, G Springville
 Weight, Vera, c-Sp Provo
 Weiland, Laura F., e-F Jensen
 Weir, Margaret Jane, e-F Greybull, Wyo.
 Welker, Elizabeth, ap-F Safford, Arizona
 Welling, Arthur, ss Garland
 Wellman, H. Keith, a-F Jensen
 Wells, Joseph Lovell, a-J Oak City
 Wells, Laving, ss Logandale, Nev.
 Wells, Lewis Franklin, ap-F Provo
 Wendel, Joe, ss Logandale, Nevada
 Wendel, Madge, Campbell, ss Logandale, Nevada
 Wentz, Myrl, ss Provo
 Wentz, Betty, c-F Pleasant Grove
 West, Dale H., a-J Pleasant Grove
 West, Ida, H., ap-Sp Pleasant Grove
 West, Louise, c-J Pleasant Grove
 West, Martha Jane, G Provo
 West, Mary Josephine, ap-F Pleasant Grove
 West, William Junius, a-F Pleasant Grove
 Westenskow, Clifford, a-S LeGrande, Oregon
 Westergard, Wanda D., ap-So Idaho Falls, Idaho
 Westover, Leon Arnold, a-J Rexburg, Idaho
 Wheaton, Victor Wayne, ap-F Provo
 Wheeler, A. Blaine, a-J Springville
 Wheeler, Evelyn M., ss Denver, Colorado
 Wheeler, Goldie Gertrude, ss Silver City
 Wheelwright, Lea McKell, ss Boulder City, Nevada
 Wheelwright, Max, ss Ogden
 Whetten, Leland, c-J Colonia Juarez, Chih., Mexico
 Whicker, Lyda Mae, e-J Salt Lake City
 Whitaker, George Winder, G Provo
 White, Beth, e-F Monroe
 White, Bob Owen, ss, a-S Provo
 White, Charles William, fa-Unm Bountiful
 White, Clara, ss Beaver
 White, Edythe, fa-So Provo
 White, Fay Frances, ss, fa-Sp Provo
 White, L. Clark, a-J Provo
 White, Herbert Joyce, ss Aberdeen, Idaho
 White, Hilda Clark, ss Thayne, Wyoming
 White, Lewis Elmer, c-J Hood River, Oregon
 White, Lola B., ss Springville
 White, Marian, ss Beaver
 White, Morgan Dean, fa-S Morgan
 White, Paul Myron, fa-Sp Provo
 White, Ruth, fa-J Ogden
 Whitehead, LeRoy, ss Spanish Fork
 Whitehead, Myrtle, a-F Salt Lake City
 Whitehouse, Dan William, fa-F Tooele
 Whiteley, Blanche, ap-J Oakley, Idaho
 Whiting, Ray, a-F Mapleton
 Whiting, Venice, fa-F Springville
 Whitlock, Aldous Q., a-J Gunnison
 Whitlock, Royal C., fa-F Gunnison
 Whitney, Lewis Earl, a-So Springville
 Whitney, Norman K., fa-So Mendon
 Whittier, Bruce Herbert, a-So Morgan
 Whitwood, Kenneth Ried, e-S Spanish Fork
 Whitwood, Mary, e-S Spanish Fork
 Wicken, Louise, ss Trinidad, Colo.
 Wiemer, Fred W., a-So Santa Ana, Calif.
 Wight, Edgar Leavitt, ss Glenwoodville, Alta., Canada
 Wight, Muriel, e-So Brigham City
 Wightman, Wallace Jos., a-F Payson
 Wilcox, Vernon Davis, fa-S Salem, Oregon
 Wilde, Leland, ss Coalville
 Wilkins, Jennie McCoard, a-Sp Provo
 Wilkins, Madelyn, ss Mountain Home
 Willes, Dean Smith, ap-F Lehi
 Willett, Farrell Dean, c-S Pleasant Grove

- Williams, Dale, a-F Kamas
 Williams, Dean E., c-S Malad, Idaho
 Williams, Emmons Nelson, ss, e-Sp
 Pocatello, Idaho
 Williams, Ercel Walden, c-J
 Spanish Fork
 Williams, Laila, ss
 Cardston, Alta., Canada
 Williams, Morris Pitt, a-J Kamas
 Williams, Myrra Ann, e-So Price
 Williams, Nephi L., ss Castle Dale
 Williams, Norma, c-F Provo
 Williams, Roger, ss, e-J Hamer, Idaho
 Williams, Wanda, e-So Price
 Wilmott, Alzada, ss Springville
 Wilson, Ben Morrill, a-F Tridell
 Wilson, Boyd L., e-J Payson
 Wilson, Cecil, ss, a-Sp Eureka
 Wilson, Dale Berkeley, ss Payson
 Wilson, David Jay, a-So Ogden
 Wilson, Don Carl, ss Panguitch
 Wilson, Emma Jane, c-F Provo
 Wilson, Evelyn Louise, ap-F
 Murray
 Wilson, Gene LeRoy, a-F Lehi
 Wilson, Harriet Carma, a-S
 Roosevelt
 Wilson, Ida Lucille, c-F Nephi
 Wilson, John Frederick, ap-F
 Park City
 Wilson, LeRoy Keith, a-F Ogden
 Wilson, Marian, G Provo
 Wilson, Melissa S., a-Sp Provo
 Wilson, Mona, c-So Roosevelt
 Wilson, O. Meredith, ss Provo
 Wilstead, Sam Francis, fa- Provo
 Wiltbank, M. Elene, fa-F
 Eagar, Arizona
 Wing, George Howard, ap-F
 Edgemont, South Dakota
 Wing, Niles Mercer, a-S
 American Fork
 Winsor, Ruth, ss St. George
 Winsor, Tillie, ss St. George
 Wintch, Vera, e-J Manti
 Winterhouse, Johnny, a-Unm
 Tacoma, Washington
 Winter, Que Seely, ap-So
 Castle Dale
 Winters, Ray Edward, ap-F Levan
 Wiscombe, Leland M., e-S Roosevelt
 Wiscombe, Raymond, e-So Roosevelt
 Wiscombe, Ronald, ss Roosevelt
 Wisdom, Norton Benjamin, a-So
 Los Angeles, Calif.
 Wiseman, Irwin, c-F Provo
 Witbeck, Ann, e-So Roosevelt
 Whitney, Frank Bringham, e-F
 Springville
 Wolf, Casper William, ap-F Goshen
 Wolsey, Louis M., a-So
 Cardston, Alta., Canada
 Wolz, Russell, fa-J Byron, Wyo.
 Wood, Anna, ap-F Fillmore
 Wood, Earl Harry, fa-F
 Dayton, Idaho
 Wood, Elaine, a-So Helper
 Wood, John Karl, ss Logan
 Woodland, Byron B., fa-F Provo
 Woodruff, Eva Stock, a-J Price
 Woodward, Clyde Eugene, c-F
 LaJara, Colo.
 Woodward, Robert Myron, c-So
 Kimberly, Nevada
 Wooley, Cloyd, ap-So Vernal
 Woolf, Aenone, ss Provo
 Woolf, William Tanner, a-F
 Bayside, L. I., New York
 Woolley, Ted, c-F Vernal
 Worley, Robert Lee, a-Unm
 Baker, Oregon
 Worlton, Dean T., sss Lehi
 Worlton, Jean, e-So Lehi
 Worthen, Iris, e-F Ferron
 Warthen, Lottie McQuarrie, ss, G
 Provo
 Worthington, Merrill, e-F Provo
 Worton, Edith, ss, e-S Ogden
 Wride, Leon D., ap-J Benjamin
 Wright, Florence June, ap-So Lehi
 Wright, Helen Ruth, ap-So
 Flint, Michigan
 Wright, J. Leslie, ss Hinckley
 Wright, Kendall R., a-F
 Twin Falls, Idaho
 Wright, Robert Smith, a-F Provo
 Wyzan, Henry Samuel, a-F
 Milford, Mass.
 Yano, Mas, c-J Brigham
 York, Eleanor, a-So Spanish Fork
 Young, Amy Melvina, e-J
 Colonia Juarez, Chih., Mexico
 Young, Darroll Porter, ap-J Blanding
 Young, Gene, fa-F
 Provo
 Young, Lillian, a-F
 Idaho Falls, Idaho
 Young, Meldrum Sidney, a-F
 Provo
 Young, Miriam, fa-So
 Reno, Nev.
 Young, Morris Don, a-F
 Logan
 Young, Newel Knight, ss
 Colonia Juarez, Chih., Mexico
 Young, Walter Ernest, Sr.,
 Colonia Juarez, Chih., Mexico
 Zabriskie, Emma, c-J Provo
 Zemp, Cleo, ap-So
 Raymond, Alta., Canada
 Zimmerman, Cecil, a-F Provo
 Zimmerman, Rex Stephen, a-F Lehi
 Zinn, Martha Charlotte, fa-S Ogden

Summary of Students for 1938-39

| | | |
|---|-------|------|
| Graduates | 138 | |
| Seniors | 323 | |
| Juniors | 527 | |
| Sophomores | 560 | |
| Freshmen | 962 | |
| Unmatriculated | 90 | |
| Specials | 182 | |
| | <hr/> | 2782 |
| Summer School 1938: | | |
| Graduates | 311 | |
| Other University Students | 509 | |
| | <hr/> | 820 |
| Correspondence and Extension | | 436 |
| Secondary Training School: | | |
| Senior High School | 113 | |
| Junior High School | 84 | |
| | <hr/> | 197 |
| Elementary Training School | | 362 |
| | <hr/> | 4597 |
| Less duplications | | 252 |
| | <hr/> | 4345 |
| Number receiving institutional credit | | |

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